FLETCHER MATH

Curriculum Guide: When to Play Each Game

A pacing guide for Math, Reading/ELA and Science, kindergarten through high school. Each course is laid out by quarter and unit. Every unit lists its standards (Oklahoma Academic Standards first, then Common Core or NGSS) and the Fletcher Math games and labs that fit, with a short tip on how to use each one.

How to use it: find your course, then use the games as warm-ups, mid-unit practice, review days, stations or test prep. Most games let you pick the grade level and focus on one skill on the start screen. Each course also lists brain breaks for any week and its holiday games. Pacing follows a typical Oklahoma scope and sequence; adjust it to your district calendar.

All 266 games and 71 virtual labs are in this guide. Updated November 15, 2026.

Courses in this guide

Math	Reading & ELA	Science
Kindergarten Math	ELA K–2	Science K–2
1st Grade Math	3rd Grade ELA	3rd Grade Science
2nd Grade Math	4th Grade ELA	4th Grade Science
3rd Grade Math	5th Grade ELA	5th Grade Science
4th Grade Math	6th Grade ELA	6th Grade Science
5th Grade Math	7th Grade ELA	7th Grade Science
6th Grade Math	8th Grade ELA	8th Grade Science
7th Grade Math (Pre-Algebra)	ELA 9–10	Biology
8th Grade Math (Pre-Algebra)	ELA 11–12	Chemistry
Algebra 1		Physics / Physical Science
Geometry		Earth & Space Science
Algebra 2		
Precalculus		

Get any game for $5 or any lab for $8, or every game (including future ones) with All-Access at fletchersmath.com. The interactive version of this guide is at fletchersmath.com/curriculum.

Kindergarten Math

For kindergarten math teachers following the Oklahoma Academic Standards. Units follow a typical counting-first sequence; play the games whole-class on the smartboard or in a small-group center, and pick the kindergarten level on the start screen.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Counting to 20** OAS K.N.1.1–K.N.1.3 · CCSS K.CC.A.1–3	**Counting Critters**: Daily warm-up: count the critters together, then let students take turns at the board
Weeks 5–7	**How Many? Counting Objects** OAS K.N.1.4–K.N.1.5 · CCSS K.CC.B.4–5	**Counting Critters**: Count-the-set rounds: kindergarten level; students say how many before the answer shows
Weeks 8–9	**Sorting & Patterns** OAS K.A.1 · CCSS K.MD.B.3	**Graph Garden**: Sorting day: sort the pictures into groups, then count each group together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Comparing Numbers** OAS K.N.1.7–K.N.1.8 · CCSS K.CC.C.6–7	**Counting Critters**: More, fewer or the same: kindergarten level, whole class on the smartboard
Weeks 13–15	**2-D & 3-D Shapes** OAS K.GM.1 · CCSS K.G.A.1–3, K.G.B.4–6	**Shape Builders**: Center game after the first shapes lesson; kindergarten level, pairs at the smartboard
Weeks 16–18	**Graphs & Sorting Data** OAS K.D.1 · CCSS K.MD.B.3	**Graph Garden**: Whole-class graph day: students vote, then read the picture graph together

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–23	**Addition & Subtraction Within 10** OAS K.N.2.1 · CCSS K.OA.A.1–3	**Counting Critters**: Introduce adding and taking away with critters; whole class, then a small-group center **Falling Dice**: Fluency center once students can count on; kindergarten level
Weeks 24–27	**Making 10 & Fluency Within 5** OAS K.N.2.1 · CCSS K.OA.A.4–5	**Falling Dice**: Make-10 practice: kindergarten level, 5 minutes at the start of math

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Teen Numbers & Counting to 100** OAS K.N.1.1, K.N.1.6 · CCSS K.CC.A.1, K.NBT.A.1	**Counting Critters**: Counting past 10: kindergarten level, count the critters aloud together
Weeks 31–33	**Measurement: Length & Weight** OAS K.GM.2 · CCSS K.MD.A.1–2	**Inchworm Race**: Introduce comparing lengths; kindergarten level, whole class on the smartboard
Weeks 34–36	**End-of-Year Review** OAS all kindergarten strands (N, A, GM, D) · CCSS Grade K CC, OA, NBT, MD, G	**Turf Takeover: Kindergarten Math Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

1st Grade Math

For 1st grade math teachers following the Oklahoma Academic Standards. Each unit lists the games that match it; set every game to the 1st grade level and play whole-class on the smartboard or in math centers.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Counting & Numbers to 120** OAS 1.N.1.1–1.N.1.5 · CCSS 1.NBT.A.1	No game for this unit yet.
Weeks 4–7	**Addition & Subtraction Within 10** OAS 1.N.2.1 · CCSS 1.OA.A.1, 1.OA.C.5–6	**Falling Dice**: Fact warm-up: 1st grade level, 5 minutes to start math
Weeks 8–9	**Patterns, Even & Odd** OAS 1.A.1 · CCSS 1.OA.C.5	**Odd Socks**: Even and odd sort: 1st grade level, whole class on the smartboard

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–13	**Place Value: Tens & Ones** OAS 1.N.1.6–1.N.1.9 · CCSS 1.NBT.B.2–3	**Tower of Tens**: Mid-unit practice building numbers with tens and ones; whole class, then centers
Weeks 14–18	**Addition & Subtraction Within 20** OAS 1.N.2.2–1.N.2.3 · CCSS 1.OA.B.3–4, 1.OA.C.6, 1.OA.D.7–8	**Fact Fiesta**: Fact fluency center: 1st grade level, pairs on Chromebooks **Double Trouble**: Practice doubles & halves; choose the 1st grade level; whole class on the smartboard or pairs on Chromebooks **Counting Critters**: Practice counting & addition; choose the 1st grade level; whole class on the smartboard or pairs on Chromebooks

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Adding & Subtracting Tens** OAS 1.N.2.4 · CCSS 1.NBT.C.4–6	No game for this unit yet.
Weeks 22–23	**Story Problems** OAS 1.N.2.2 · CCSS 1.OA.A.1–2	No game for this unit yet.
Weeks 24–27	**Shapes & Equal Parts** OAS 1.GM.1, 1.N.3.1 · CCSS 1.G.A.1–3	**Shape Builders**: Shape day: 1st grade level, then partition shapes into halves and fourths

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–29	**Measuring Length** OAS 1.GM.2 · CCSS 1.MD.A.1–2	**Inchworm Race**: Practice measuring length; choose the 1st grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 30–31	**Time & Money** OAS 1.GM.3, 1.N.4 · CCSS 1.MD.B.3	**Tick-Tock Shop**: Introduce telling time to the hour and half hour, then coins; whole class on the smartboard
Weeks 32–33	**Data & Graphs** OAS 1.D.1 · CCSS 1.MD.C.4	**Graph Garden**: Practice picture & bar graphs; choose the 1st grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 34–36	**End-of-Year Review** OAS all 1st grade strands (N, A, GM, D) · CCSS Grade 1 OA, NBT, MD, G	**Turf Takeover: 1st Grade Math Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Holiday weeks

Pie Split: Thanksgiving week: doubles & halves practice; whole class on the smartboard

Any week of the year

Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Math Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Number Line Hop: 5-minute brain break any day: pick the level for your class; students move while they answer
Four Corners Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Mystery Number: 5-minute brain break any day: pick the level for your class; students move while they answer
Rock, Paper, Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Make It!: 5-minute brain break any day: pick the level for your class; students move while they answer
Pattern Freeze Dance: 5-minute brain break any day: pick the level for your class; students move while they answer
Estimation Station: 5-minute brain break any day: pick the level for your class; students move while they answer

2nd Grade Math

For 2nd grade math teachers following the Oklahoma Academic Standards. Each unit lists the games that match it; set every game to the 2nd grade level and play whole-class on the smartboard or in math centers.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Fact Fluency Within 20** OAS 2.N.2.1 · CCSS 2.OA.B.2	**Fact Fiesta**: Daily fact warm-up: 2nd grade level, pairs or whole class **Falling Dice**: Practice addition facts; choose the 2nd grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 5–8	**Place Value to 1,000** OAS 2.N.1.1–2.N.1.4, 2.N.1.7 · CCSS 2.NBT.A.1–4	**Tower of Tens**: Introduce hundreds, tens and ones; 2nd grade level on the smartboard **Counting Critters**: Practice counting & addition; choose the 2nd grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 9	**Even, Odd & Skip Counting** OAS 2.N.1.5, 2.A.1 · CCSS 2.OA.C.3–4	**Odd Socks**: Even and odd sort: 2nd grade level, whole class

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–14	**Two-Digit Addition & Subtraction** OAS 2.N.2.2–2.N.2.4 · CCSS 2.NBT.B.5–6, 2.NBT.B.8–9	**Double Trouble**: Practice doubles & halves; choose the 2nd grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 15–17	**Story Problems & Equations** OAS 2.A.2 · CCSS 2.OA.A.1	No game for this unit yet.

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 18–21	**Three-Digit Addition & Subtraction** OAS 2.N.2.5 · CCSS 2.NBT.B.7	No game for this unit yet.
Weeks 22–23	**Money** OAS 2.N.4 · CCSS 2.MD.C.8	**Tick-Tock Shop**: Counting coins and making change; 2nd grade level, small groups
Weeks 24–25	**Telling Time** OAS 2.GM.3 · CCSS 2.MD.C.7	No game for this unit yet.
Weeks 26–28	**Measuring Length** OAS 2.GM.2 · CCSS 2.MD.A.1–4, 2.MD.B.5–6	**Inchworm Race**: Measuring and comparing lengths; 2nd grade level, pairs

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 29–31	**Shapes & Fractions** OAS 2.GM.1, 2.N.3 · CCSS 2.G.A.1–3	**Shape Builders**: Practice shapes; choose the 2nd grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 32–33	**Data & Graphs** OAS 2.D.1 · CCSS 2.MD.D.9–10	**Graph Garden**: Bar graph and picture graph practice; 2nd grade level
Weeks 34–36	**End-of-Year Review** OAS all 2nd grade strands (N, A, GM, D) · CCSS Grade 2 OA, NBT, MD, G	**Turf Takeover: 2nd Grade Math Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Holiday weeks

Pie Split: Thanksgiving week: doubles & halves practice; whole class on the smartboard
Corn Mystery Picture - 2-Digit Addition & Subtraction: Thanksgiving week: addition & subtraction practice; self-checking, so it works for early finishers or a sub day

Any week of the year

Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Math Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Number Line Hop: 5-minute brain break any day: pick the level for your class; students move while they answer
Four Corners Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Mystery Number: 5-minute brain break any day: pick the level for your class; students move while they answer
Rock, Paper, Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Make It!: 5-minute brain break any day: pick the level for your class; students move while they answer
Pattern Freeze Dance: 5-minute brain break any day: pick the level for your class; students move while they answer
Estimation Station: 5-minute brain break any day: pick the level for your class; students move while they answer

3rd Grade Math

For 3rd grade math teachers following the Oklahoma Academic Standards. Each unit lists the games that match it; set every game to the 3rd grade level and use the Skills setting to focus on the day's topic.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Place Value & Rounding** OAS 3.N.1 · CCSS 3.NBT.A.1	**Place Value Bank Heist**: Mid-unit practice: choose the 3rd grade level; whole-class teams on the smartboard **Krypto**: Daily 5-minute warm-up to build number sense from week 1 **Round-Up Rodeo**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 4–6	**Addition & Subtraction to 10,000** OAS 3.N.2 (multi-digit addition & subtraction, estimation) · CCSS 3.NBT.A.2	**Math Magic**: Warm-up: mental addition and subtraction rounds, pass-and-play in small groups **Story Problem Safari**: End of unit: 3rd grade level, "Two-step & multi-step stories" topic, pairs on Chromebooks **Five Steps to Zero**: Practice mental math; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 7–9	**Meaning of Multiplication** OAS 3.N.2 (multiplication as equal groups and arrays) · CCSS 3.OA.A.1, 3.OA.A.3	**Who's Multiplying?**: Introduce after the first arrays lesson; choose the 3rd grade level and play in pairs

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Multiplication Facts & Properties** OAS 3.N.2, 3.A.2 · CCSS 3.OA.B.5, 3.OA.C.7	**Who's Multiplying?**: Daily fact-fluency warm-up all quarter **Math Magic**: Station: mental-math multiplication rounds for 1–6 players **Missing Number Bingo**: Mid-unit practice on properties and missing factors; whole class on the smartboard **Double Trouble**: Practice doubles & halves; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 13–15	**Division** OAS 3.N.2 (division as fair sharing, fact families) · CCSS 3.OA.A.2, 3.OA.A.4, 3.OA.B.6	**Missing Number Bingo**: Practice unknown-factor problems (3.OA.A.4) before the unit test **Story Problem Safari**: Review day: 3rd grade level, "Pick the equation & estimate" topic **Fact Family Dungeon**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 16–18	**Patterns & Equations** OAS 3.A.1, 3.A.2 · CCSS 3.OA.D.8, 3.OA.D.9	**Pattern Factory**: Introduce function machines; 3rd grade level, whole-class teams **Missing Number Bingo**: Station: equal and unequal expressions **Math Quest: The Lost Kingdom**: Semester review before winter break: 3rd grade level, teams **Scale Sleuths**: Practice algebra logic puzzles; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Weigh-In Pairs**: Practice algebraic reasoning; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Fractions** OAS 3.N.3.1–3.N.3.4 · CCSS 3.NF.A.1–3	**Fraction Line Leap**: Core practice: 3rd grade level; use the Skills setting to move from number lines to equivalent and comparing fractions **Fraction Frenzy**: Review day before the fractions test: 3rd grade level, smartboard teams **Shape Sorter**: Intro day: "Equal parts & unit fractions" topic to connect shapes and fractions **Number Line Treasure Dive**: Practice number lines; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Fraction Fusion**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 23–24	**2-D Shapes & Quadrilaterals** OAS 3.GM.1.3 · CCSS 3.G.A.1–2	**Shape Sorter**: Mid-unit practice: 3rd grade level, "Quadrilateral families" and "Right, acute & obtuse angles" **Geometry Architect**: Station or early-finisher choice: 3rd grade level
Weeks 25–27	**Area & Perimeter** OAS 3.GM.2.1–3.GM.2.4 · CCSS 3.MD.C.5–7, 3.MD.D.8	**Garden Planner**: Introduce with "Area by counting squares," then move to rectangles and perimeter; pairs on Chromebooks **Build-a-City**: End-of-unit project day: 3rd grade level, area, perimeter and money **Geometry Architect**: Review day: perimeter and area questions at the 3rd grade level

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Time, Measurement & Money** OAS 3.GM.2.5–3.GM.2.7, 3.GM.3, 3.N.4 · CCSS 3.MD.A.1–2	**Time Travelers**: Introduce elapsed time; 3rd grade level, whole class on the smartboard **Measure Up!**: Station: rulers, thermometers and choosing the best unit **Math Money Manager**: Making-change practice at the 3rd grade level; small groups
Weeks 31–32	**Data & Graphs** OAS 3.D.1 · CCSS 3.MD.B.3–4	**Data Detective**: Mid-unit practice reading bar graphs and tables; 3rd grade level **Math Island Survival**: Multi-step problem day to close the unit; 3rd grade level in teams **Math Engineering Challenge**: Sub plan or Friday challenge: 3rd grade level
Weeks 33–36	**OSTP Review** OAS all 3rd grade strands (N, A, GM, D) · CCSS Grade 3 OA, NBT, NF, MD, G	**Math Quest: The Lost Kingdom**: Kick off test review: 3rd grade level, teams on the smartboard **Math Escape Room**: Mid-review challenge day: 3rd grade level, groups of 3–4 **Math Racing League**: Fast-paced review of every strand; 3rd grade level **Math Detective Agency**: Station rotation during review week **Math Mogul**: Final review day before OSTP: 3rd grade level **Around the World Math**: Post-test enrichment: 3rd grade level real-world problems **Turf Takeover: 3rd Grade Math Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Holiday weeks

Feast Multiplier: Thanksgiving week: multiplication facts practice; whole class on the smartboard
Pie Split: Thanksgiving week: doubles & halves practice; whole class on the smartboard
Harvest Scale: Thanksgiving week: algebra logic puzzles practice; whole class on the smartboard
Acorn Mystery Picture - Multiplication Facts: Thanksgiving week: multiplication facts practice; self-checking, so it works for early finishers or a sub day
Corn Mystery Picture - 2-Digit Addition & Subtraction: Thanksgiving week: addition & subtraction practice; self-checking, so it works for early finishers or a sub day
Snowman Mystery Picture - Division Facts: Christmas week: division facts practice; self-checking, so it works for early finishers or a sub day

Any week of the year

Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Math Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Number Line Hop: 5-minute brain break any day: pick the level for your class; students move while they answer
Four Corners Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Mystery Number: 5-minute brain break any day: pick the level for your class; students move while they answer
Rock, Paper, Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Make It!: 5-minute brain break any day: pick the level for your class; students move while they answer
Pattern Freeze Dance: 5-minute brain break any day: pick the level for your class; students move while they answer
Estimation Station: 5-minute brain break any day: pick the level for your class; students move while they answer

4th Grade Math

For 4th grade math teachers following the Oklahoma Academic Standards. Set games to the 4th grade level and use the Skills setting to match the lesson; mixed-review games are saved for warm-ups and the OSTP review window.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Place Value to 1,000,000** OAS 4.N.1 · CCSS 4.NBT.A.1–3	**Place Value Bank Heist**: Mid-unit practice: choose the 4th grade level; whole-class teams **Krypto**: Daily warm-up for number sense all quarter
Weeks 4–5	**Multi-Digit Addition & Subtraction** OAS 4.N.2 (add/subtract and estimate multi-digit numbers) · CCSS 4.NBT.B.4	**Math Magic**: Mental-math warm-up, pass-and-play groups **Story Problem Safari**: End of unit: 4th grade level, "Two-step & multi-step stories"
Weeks 6–9	**Multiplication** OAS 4.N.2 (multi-digit multiplication) · CCSS 4.NBT.B.5, 4.OA.A.1–2	**Who's Multiplying?**: Fact-fluency warm-up; choose the 4th grade level for factors and products **Story Problem Safari**: Review day: "Times as many (comparing)" topic for 4.OA.A.2 **Double Trouble**: Practice doubles & halves; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Split or Stack**: Practice multi-digit multiplication; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–13	**Division with Remainders** OAS 4.N.2.4–4.N.2.5 · CCSS 4.NBT.B.6, 4.OA.A.3	**Treasure Split**: Introduce before the algorithm to build the meaning of fair sharing and regrouping **Bring It Down!**: Mid-unit practice on the long-division steps; pairs on Chromebooks **Story Problem Safari**: "Remainders that matter" topic before the unit test **Math Island Survival**: Friday challenge: 4th grade level division and multi-step problems **Five Steps to Zero**: Practice mental math; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Weigh-In Pairs**: Practice algebraic reasoning; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 14–15	**Factors, Multiples & Patterns** OAS 4.A.1, 4.A.2 · CCSS 4.OA.B.4, 4.OA.C.5	**Pattern Factory**: Introduce input/output rules at the 4th grade level **Missing Number Bingo**: Station: missing-number equations **Who's Multiplying?**: Factor-and-product strategy game in pairs **Scale Sleuths**: Practice algebra logic puzzles; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Rectangle Ranch**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 16–18	**Fractions: Equivalence & Comparing** OAS 4.N.3.1–4.N.3.3 · CCSS 4.NF.A.1–2	**Fraction Line Leap**: Core practice: 4th grade level, "Equivalent fractions" then "Comparing fractions" **Fraction Frenzy**: Review day: 4th grade level, smartboard teams **Math Quest: The Lost Kingdom**: Semester review before winter break: 4th grade level **Fraction Fusion**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Adding & Subtracting Fractions** OAS 4.N.3.4 · CCSS 4.NF.B.3–4	**Fraction Line Leap**: Introduce with the "Decomposing fractions" topic **Fraction Frenzy**: Mid-unit practice on fraction operations at the 4th grade level **Lemonade Lab**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 23–25	**Decimals & Money** OAS 4.N.3.6–4.N.3.9, 4.N.4 · CCSS 4.NF.C.5–7, 4.MD.A.2	**Decimal Dash**: Core practice: 4th grade level, start with "Decimal notation & place value" **Math Money Manager**: Money-problem day: 4th grade level, small groups **Number Line Treasure Dive**: Practice number lines; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 26–27	**Measurement & Conversions** OAS 4.GM.2, 4.GM.3 · CCSS 4.MD.A.1–2, 4.MD.C.6	**Measure Up!**: Introduce unit conversions and protractors; 4th grade level **Time Travelers**: Station: elapsed time and time conversions at the 4th grade level **Around the World Math**: Real-world application day: measurement and time zones **Math Engineering Challenge**: End-of-unit challenge: 4th grade level measurements

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Lines, Angles & Shapes** OAS 4.GM.1.1–4.GM.1.2, 4.GM.2.1 · CCSS 4.G.A.1–3, 4.MD.C.5–7	**Shape Sorter**: Core practice: 4th grade level; move through points/lines, angles, triangles and symmetry **Geometry Architect**: Review day: angles and symmetry at the 4th grade level **Protractor Pilot**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Week 31	**Area & Perimeter** OAS 4.GM.2.2 · CCSS 4.MD.A.3	**Garden Planner**: Practice: 4th grade level, "Missing side lengths" topic **Build-a-City**: Project day: area, perimeter and budgets
Week 32	**Data & Line Plots** OAS 4.D.1 · CCSS 4.MD.B.4	**Data Detective**: Mid-unit practice: 4th grade level, pairs on Chromebooks **Line Plot Lab**: Practice line plots with fractions; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 33–36	**OSTP Review** OAS all 4th grade strands (N, A, GM, D) · CCSS Grade 4 OA, NBT, NF, MD, G	**Math Quest: The Lost Kingdom**: Kick off review: 4th grade level, teams on the smartboard **Math Escape Room**: Challenge day during review: 4th grade level **Math Racing League**: Fast review of every strand at the 4th grade level **Math Detective Agency**: Station rotation during review **Math Mogul**: Final review day before OSTP **Turf Takeover: 4th Grade Math Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Holiday weeks

Feast Multiplier: Thanksgiving week: multiplication facts practice; whole class on the smartboard
Pie Split: Thanksgiving week: doubles & halves practice; whole class on the smartboard
Harvest Scale: Thanksgiving week: algebra logic puzzles practice; whole class on the smartboard
Turkey Mystery Picture - Add & Subtract Fractions: Thanksgiving week: fractions: add & subtract practice; self-checking, so it works for early finishers or a sub day
Pumpkin Pie Mystery Picture - Multiply Fractions: Thanksgiving week: fractions: multiply practice; self-checking, so it works for early finishers or a sub day
Acorn Mystery Picture - Multiplication Facts: Thanksgiving week: multiplication facts practice; self-checking, so it works for early finishers or a sub day
Christmas Tree Mystery Picture - Multi-Digit Multiplication: Christmas week: multi-digit multiplication practice; self-checking, so it works for early finishers or a sub day
Snowman Mystery Picture - Division Facts: Christmas week: division facts practice; self-checking, so it works for early finishers or a sub day

Any week of the year

Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Math Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Number Line Hop: 5-minute brain break any day: pick the level for your class; students move while they answer
Four Corners Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Mystery Number: 5-minute brain break any day: pick the level for your class; students move while they answer
Rock, Paper, Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Make It!: 5-minute brain break any day: pick the level for your class; students move while they answer
Pattern Freeze Dance: 5-minute brain break any day: pick the level for your class; students move while they answer
Estimation Station: 5-minute brain break any day: pick the level for your class; students move while they answer

5th Grade Math

For 5th grade math teachers following the Oklahoma Academic Standards. Choose the 5th grade level in each game; Fraction Kitchen and Decimal Dash anchor the two big number units.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Place Value & Decimals** OAS 5.N.1.1–5.N.1.4 · CCSS 5.NBT.A.1–4	**Decimal Dash**: Introduce: 5th grade level, "Decimal notation & place value" then "Powers of 10 & rounding" **Krypto**: Daily warm-up all quarter **Number Line Treasure Dive**: Practice number lines; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Decimal Elevator**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 4–7	**Multi-Digit Multiplication & Division** OAS 5.N.2 (multiply and divide multi-digit whole numbers) · CCSS 5.NBT.B.5–6	**Treasure Split**: Re-teach day for students shaky on why long division works **Bring It Down!**: Mid-unit practice with 2-digit divisors; pairs on Chromebooks **Story Problem Safari**: 5th grade level, "Remainders that matter" before the test **Math Magic**: Mental-math warm-up **Split or Stack**: Practice multi-digit multiplication; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 8–9	**Expressions & Order of Operations** OAS 5.A.2 · CCSS 5.OA.A.1–2	**Krypto**: Use with parentheses and order of operations as the main practice game **Missing Number Bingo**: Station: 5th grade level expressions and properties **Five Steps to Zero**: Practice mental math; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Scale Sleuths**: Practice algebra logic puzzles; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Weigh-In Pairs**: Practice algebraic reasoning; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **PEMDAS Bomb Squad**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–13	**Decimal Operations** OAS 5.N.3 · CCSS 5.NBT.B.7	**Decimal Dash**: Core practice: "Decimal operations" and "Money & measurement problems" **Math Money Manager**: Application day: 5th grade level decimals and unit prices **Math Engineering Challenge**: Friday challenge: 5th grade level budgets and decimals
Weeks 14–18	**Adding & Subtracting Fractions** OAS 5.N.2 (fractions with unlike denominators) · CCSS 5.NF.A.1–2	**Fraction Frenzy**: Core practice: choose the 5th grade level; whole-class teams **Story Problem Safari**: Review day: "Fractions, decimals, money & units" topic **Math Quest: The Lost Kingdom**: Semester review before winter break: 5th grade level **Potion Brewer**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Multiplying & Dividing Fractions** OAS 5.N.2.3, 6.N.4.1–6.N.4.2 · CCSS 5.NF.B.3–7	**Fraction Kitchen**: Core game: 5th grade level; use the Skills setting to move from multiplying to scaling to unit-fraction division **Story Problem Safari**: Before the test: fraction word problems at the 5th grade level
Weeks 23–24	**Measurement Conversions** OAS 5.GM.3 · CCSS 5.MD.A.1	**Measure Up!**: Mid-unit practice: 5th grade level conversions **Around the World Math**: Application day: 5th grade level measurement and money
Weeks 25–27	**Volume** OAS 5.GM.2 (volume of rectangular prisms) · CCSS 5.MD.C.3–5	**Geometry Architect**: Introduce volume at the 5th grade level; smartboard teams **Build-a-City**: Project day: volume and area at the 5th grade level **Math Island Survival**: End-of-unit challenge: volume and multi-step problems **Cube Quest**: Practice volume; whole class on the smartboard or pairs on Chromebooks

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–29	**Classifying 2-D Figures** OAS 5.GM.1.1 · CCSS 5.G.B.3–4	**Shape Sorter**: Practice: 5th grade level, "Classifying triangles" and "Hierarchy of shapes"
Weeks 30–31	**Coordinate Plane & Patterns** OAS 5.A.1.1–5.A.1.2 · CCSS 5.G.A.1–2, 5.OA.B.3	**Coordinate Treasure Hunt**: Introduce graphing points; choose the 5th grade level (first quadrant) **Pattern Factory**: Station: 5th grade level numerical patterns
Week 32	**Data & Line Plots** OAS 5.D.1 · CCSS 5.MD.B.2	**Data Detective**: Mid-unit practice: 5th grade level mean, median and range **Line Plot Lab**: Practice line plots with fractions; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 33–36	**OSTP Review** OAS all 5th grade strands (N, A, GM, D) · CCSS Grade 5 OA, NBT, NF, MD, G	**Math Quest: The Lost Kingdom**: Kick off review: 5th grade level **Math Escape Room**: Challenge day during review **Math Racing League**: Fast review of every strand **Math Detective Agency**: Station rotation **Math Mogul**: Final review day before OSTP **Who's Multiplying?**: Fact-fluency warm-up during review weeks (5th grade level) **Turf Takeover: 5th Grade Math Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Holiday weeks

Feast Multiplier: Thanksgiving week: multiplication facts practice; whole class on the smartboard
Harvest Scale: Thanksgiving week: algebra logic puzzles practice; whole class on the smartboard
Turkey Mystery Picture - Add & Subtract Fractions: Thanksgiving week: fractions: add & subtract practice; self-checking, so it works for early finishers or a sub day
Pumpkin Pie Mystery Picture - Multiply Fractions: Thanksgiving week: fractions: multiply practice; self-checking, so it works for early finishers or a sub day
Christmas Tree Mystery Picture - Multi-Digit Multiplication: Christmas week: multi-digit multiplication practice; self-checking, so it works for early finishers or a sub day
Gingerbread Mystery Picture - Add & Subtract Decimals: Christmas week: decimals: add & subtract practice; self-checking, so it works for early finishers or a sub day
Gift Mystery Picture - Order of Operations: Christmas week: order of operations practice; self-checking, so it works for early finishers or a sub day

Any week of the year

Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Math Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Number Line Hop: 5-minute brain break any day: pick the level for your class; students move while they answer
Four Corners Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Mystery Number: 5-minute brain break any day: pick the level for your class; students move while they answer
Rock, Paper, Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Make It!: 5-minute brain break any day: pick the level for your class; students move while they answer
Pattern Freeze Dance: 5-minute brain break any day: pick the level for your class; students move while they answer
Estimation Station: 5-minute brain break any day: pick the level for your class; students move while they answer

6th Grade Math

For 6th grade math teachers following the Oklahoma Academic Standards. Choose the 6th grade level in each game; a few 7th–8th grade games (Angle Avengers) are noted where they cover a 6th grade standard.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Rational Numbers & the Number Line** OAS 6.N.1.1–6.N.1.2 · CCSS 6.NS.C.5–7	**Decimal Dash**: Mid-unit practice: 6th grade level, "Compare & order decimals" **Math Magic 2**: Daily mental-math warm-up all quarter **Number Line Treasure Dive**: Practice number lines; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Zero Out**: Practice adding integers; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 4–5	**Factors, Multiples & Prime Factorization** OAS 6.N.2.4–6.N.2.6 · CCSS 6.NS.B.4	**Prime Factor Fortress**: Introduce factor trees, then GCF and LCM; whole-class teams on the smartboard
Weeks 6–9	**Fraction & Decimal Operations** OAS 6.N.4.1–6.N.4.4 · CCSS 6.NS.A.1, 6.NS.B.2–3	**Fraction Kitchen**: Core practice: 6th grade level, "Divide fractions" and kitchen word problems **Decimal Dash**: Station: "Decimal operations" at the 6th grade level **Bring It Down!**: Warm-up for multi-digit division (6.NS.B.2) **Treasure Split**: Re-teach for students who need the meaning of long division **Five Steps to Zero**: Practice mental math; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Ration Run**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–13	**Ratios & Rates** OAS 6.N.3 (ratios and unit rates) · CCSS 6.RP.A.1–3	**Around the World Math**: Application day: 6th grade level rates and currency **Math Island Survival**: Mid-unit practice: 6th grade level rate problems **Math Money Manager**: Unit-price practice at the 6th grade level **Ratio Rummy**: Extension for early finishers: the unit-rate and ratio-table rounds match 6.RP.A.1–3 **Unit Rate Racer**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 14–15	**Percents** OAS 6.N.1.3–6.N.1.4 · CCSS 6.RP.A.3c	**Fraction Frenzy**: Choose the 6th grade level: fractions to decimals and percents **Build-a-City**: Project day: 6th grade percents and ratios **Percent Shopping Spree**: Extension: discount and tax rounds stretch 6.N.1.3–1.4 for advanced students
Weeks 16–18	**Expressions & Exponents** OAS 6.A.2, 6.N.2.1 (exponents) · CCSS 6.EE.A.1–4	**Algebra Wizards**: Introduce like terms and the distributive property; 6th grade level **Krypto**: Warm-up with exponents turned on (6th grade level) **Prime Factor Fortress**: Review exponents with the factor-tree rounds **Math Quest: The Lost Kingdom**: Semester review before winter break: 6th grade level **PEMDAS Bomb Squad**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **Code Cracker**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **Combine & Conquer**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Equations & Inequalities** OAS 6.A.3 · CCSS 6.EE.B.5–8	**Algebra Wizards**: Core practice: 6th grade level equations and inequalities **Scale Sleuths**: Practice algebra logic puzzles; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Weigh-In Pairs**: Practice algebraic reasoning; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 23–24	**The Coordinate Plane** OAS 6.A.1 · CCSS 6.NS.C.6, 6.NS.C.8	**Coordinate Treasure Hunt**: Core game: choose the 6th grade level (all four quadrants and reflections) **Rule Rangers**: Practice dependent & independent variables; whole class on the smartboard or pairs on Chromebooks **What's My Rule?**: Practice functions & input/output rules; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 25–27	**Area of Polygons** OAS 6.GM.1 · CCSS 6.G.A.1, 6.G.A.3	**Geometry Architect**: Mid-unit practice: 6th grade level area of triangles and polygons **Build-a-City**: Application day: area at the 6th grade level **Shape Slicer**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–29	**Angles & Triangles** OAS 6.GM.3.1–6.GM.3.2 · CCSS 7.G.B.5	**Angle Avengers**: Choose the 7th grade level, "Complementary & supplementary" and "Vertical & adjacent" topics (these match OAS 6.GM.3.1)
Weeks 30–31	**Surface Area & Nets** OAS 6.GM.2 · CCSS 6.G.A.2, 6.G.A.4	**Geometry Architect**: Use the nets and volume questions at the 6th grade level
Week 32	**Data & Statistics** OAS 6.D.1 · CCSS 6.SP.A.1–3, 6.SP.B.4–5	**Data Detective**: Mid-unit practice: 6th grade level mean, median and range **Data Dash**: Practice statistics; whole class on the smartboard or pairs on Chromebooks
Weeks 33–36	**OSTP Review** OAS all 6th grade strands (N, A, GM, D) · CCSS Grade 6 RP, NS, EE, G, SP	**Math Quest: The Lost Kingdom**: Kick off review: 6th grade level **Math Escape Room**: Challenge day during review **Math Racing League**: Fast review of every strand **Math Detective Agency**: Station rotation **Math Mogul**: Final review day before OSTP **Math Engineering Challenge**: Post-test enrichment at the 6th grade level **Math Magic**: Daily mental-math warm-up during review weeks (pass-and-play, 1–6 players) **Turf Takeover: 6th Grade Math Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Holiday weeks

Turkey Trouble: Thanksgiving week: functions & input/output rules practice; whole class on the smartboard
Harvest Scale: Thanksgiving week: algebra logic puzzles practice; whole class on the smartboard
Pumpkin Pie Mystery Picture - Multiply Fractions: Thanksgiving week: fractions: multiply practice; self-checking, so it works for early finishers or a sub day
Cornucopia Mystery Picture - One-Step Equations: Thanksgiving week: one-step equations practice; self-checking, so it works for early finishers or a sub day
Pilgrim Hat Mystery Picture - Integer Operations: Thanksgiving week: integer operations practice; self-checking, so it works for early finishers or a sub day
Gingerbread Mystery Picture - Add & Subtract Decimals: Christmas week: decimals: add & subtract practice; self-checking, so it works for early finishers or a sub day
Candy Cane Mystery Picture - Percents: Christmas week: percents practice; self-checking, so it works for early finishers or a sub day
Gift Mystery Picture - Order of Operations: Christmas week: order of operations practice; self-checking, so it works for early finishers or a sub day

Any week of the year

Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Math Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Number Line Hop: 5-minute brain break any day: pick the level for your class; students move while they answer
Four Corners Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Mystery Number: 5-minute brain break any day: pick the level for your class; students move while they answer
Rock, Paper, Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Make It!: 5-minute brain break any day: pick the level for your class; students move while they answer
Pattern Freeze Dance: 5-minute brain break any day: pick the level for your class; students move while they answer
Estimation Station: 5-minute brain break any day: pick the level for your class; students move while they answer

7th Grade Math (Pre-Algebra)

For 7th grade (Pre-Algebra) teachers following the Oklahoma Academic Standards. Most units have a dedicated Fletcher Math game; choose the 7th grade level where a game offers it.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Rational Numbers & Integers** OAS 7.N.1.1–7.N.2.4 · CCSS 7.NS.A.1–3	**Integer Expedition**: Introduce after the first lesson; play in small groups **Bring It Down!**: Warm-up review: dividing to get decimals (7.N.1.2) **Treasure Split**: Re-teach day for students who need long division **Math Magic 2**: Daily mental-math warm-up all quarter **Number Line Treasure Dive**: Practice number lines; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Zero Out**: Practice adding integers; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 5–9	**Expressions & Equations** OAS 7.A.3.1, 7.A.4.1–7.A.4.2 · CCSS 7.EE.A.1–2, 7.EE.B.4a	**Balance It!**: Core practice: one- and two-step equations and p(x + q) = r **Algebra Wizards**: Station: 7th grade level like terms and distributive property **Krypto**: Warm-up: order of operations with exponents **Scale Sleuths**: Practice algebra logic puzzles; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Weigh-In Pairs**: Practice algebraic reasoning; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Combine & Conquer**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–11	**Inequalities** OAS 7.A.3.2 · CCSS 7.EE.B.4b	**Inequality Magic 2.0**: Introduce, then use mid-unit for graphing on a number line **Algebra Wizards**: Review day: inequality questions at the 7th grade level
Weeks 12–15	**Ratios & Proportional Relationships** OAS 7.A.1.1–7.A.1.2, 7.A.2.1, 7.GM.3.1 · CCSS 7.RP.A.1–2	**Ratio Rummy**: Core practice: unit rates, tables, graphs and constant of proportionality **Around the World Math**: Application day: 7th grade level rates and scale **Build-a-City**: Project day: 7th grade ratios and percents **Proportion Pipes**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 16–18	**Percents & Financial Literacy** OAS 7.A.2.2 · CCSS 7.RP.A.3	**Percent Shopping Spree**: Core practice: discounts, tax, tips and percent of change **Math Money Manager**: Station: 7th grade level tax, commission and simple interest **Math Quest: The Lost Kingdom**: Semester review before winter break: 7th grade level

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–20	**Angle Relationships** OAS 6.GM.3.1, 7.A.3.1 · CCSS 7.G.B.5	**Angle Avengers**: Core practice: 7th grade level, end with "Write & solve angle equations" **Triangle Trials**: After the angle lessons: decide which side and angle measures make a triangle; pairs on Chromebooks
Weeks 21–23	**Circles & Area** OAS 7.GM.2.1–7.GM.2.2, 7.GM.3.2–7.GM.3.3 · CCSS 7.G.B.4, 7.G.B.6	**Land Grab**: Core practice: circles, trapezoids and composite figures **Volume Voyage**: Station: 7th grade level, "Area & circumference of circles" **Pizza Planet**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 24–25	**Surface Area & Volume** OAS 7.GM.1.1–7.GM.1.3 · CCSS 7.G.A.3, 7.G.B.6	**Box Factory Tycoon**: Core practice: rectangular prisms, cylinders and nets **Volume Voyage**: Mid-unit practice: 7th grade level prisms and cross sections **Geometry Architect**: Review day: 7th grade level
Weeks 26–27	**Transformations & Scale Drawings** OAS 7.GM.4.1–7.GM.4.3 · CCSS 7.G.A.1	**Transformation Battleship**: Core practice: translations, reflections, dilations and scale drawings **Map Maker Expedition**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–29	**Statistics** OAS 7.D.1.1–7.D.1.3 · CCSS 7.SP.A.1, 7.SP.B.3–4	**Stat Showdown**: Core practice: mean, median, box plots and circle graphs **Data Detective**: Station: 7th grade level graphs and percents **Sample Squad**: Practice random samples; whole class on the smartboard or pairs on Chromebooks
Weeks 30–31	**Probability** OAS 7.D.2.1 · CCSS 7.SP.C.5–8	**Probability Carnival**: Core practice: theoretical vs. experimental probability
Week 32	**Real-World Problem Solving** OAS 7.A.2, 7.A.3 (multi-step real-world problems) · CCSS 7.EE.B.3–4	**Math Island Survival**: Application day: 7th grade level rates and inequalities **Math Engineering Challenge**: Application day: 7th grade level inequalities and budgets
Weeks 33–36	**OSTP Review** OAS all 7th grade units · CCSS Grade 7 RP, NS, EE, G, SP	**OSTP Review Showdown**: Main review game: pick categories by unit and play in teams **Math Quest: The Lost Kingdom**: Kick off review: 7th grade level **Math Escape Room**: Challenge day during review **Math Racing League**: Fast review of every strand **Math Detective Agency**: Station rotation **Math Mogul**: Final review day before OSTP **Math Magic**: Daily mental-math warm-up during review weeks (pass-and-play, 1–6 players) **Turf Takeover: 7th Grade Math Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Holiday weeks

Turkey Trouble: Thanksgiving week: functions & input/output rules practice; whole class on the smartboard
Harvest Scale: Thanksgiving week: algebra logic puzzles practice; whole class on the smartboard
Cornucopia Mystery Picture - One-Step Equations: Thanksgiving week: one-step equations practice; self-checking, so it works for early finishers or a sub day
Pilgrim Hat Mystery Picture - Integer Operations: Thanksgiving week: integer operations practice; self-checking, so it works for early finishers or a sub day
Candy Cane Mystery Picture - Percents: Christmas week: percents practice; self-checking, so it works for early finishers or a sub day
Reindeer Mystery Picture - Two-Step Equations: Christmas week: two-step equations practice; self-checking, so it works for early finishers or a sub day

Any week of the year

Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Math Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Number Line Hop: 5-minute brain break any day: pick the level for your class; students move while they answer
Four Corners Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Mystery Number: 5-minute brain break any day: pick the level for your class; students move while they answer
Rock, Paper, Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Make It!: 5-minute brain break any day: pick the level for your class; students move while they answer
Pattern Freeze Dance: 5-minute brain break any day: pick the level for your class; students move while they answer
Estimation Station: 5-minute brain break any day: pick the level for your class; students move while they answer

8th Grade Math (Pre-Algebra)

For Oklahoma 8th grade Pre-Algebra (PA) teachers. Choose the 8th grade level in each game; the 7–8 games use PA standards, and Systems Showdown and Scatter Shot have a dedicated 8th grade level.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Real Numbers, Exponents & Scientific Notation** OAS PA.N.1.1–PA.N.1.4 · CCSS 8.NS.A.1–2, 8.EE.A.1–4	**Galaxy Race**: Core practice: properties of exponents and scientific notation **Integer Expedition**: Warm-up review of rational numbers and square roots (PA.N.1.4) **Math Magic 2**: Daily warm-up: squares, cubes and roots **Number Line Treasure Dive**: Practice number lines; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Pi Patrol**: Practice rational & irrational numbers; whole class on the smartboard or pairs on Chromebooks
Weeks 5–9	**Linear Equations** OAS PA.A.3.1–PA.A.3.2, PA.A.4.1 · CCSS 8.EE.C.7a–b	**Balance It!**: Core practice: variables on both sides, no or infinite solutions **Algebra Wizards**: Station: 8th grade level equations **Krypto**: Warm-up: choose the 8th grade level (exponents and order of operations) **Scale Sleuths**: Practice algebra logic puzzles; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Escape Pods**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–11	**Inequalities** OAS PA.A.4.2–PA.A.4.3 · CCSS 7.EE.B.4b (review)	**Inequality Magic 2.0**: Mid-unit practice: two-step inequalities and word problems
Weeks 12–14	**Functions** OAS PA.A.1, PA.A.2.1–PA.A.2.2 · CCSS 8.F.A.1–3, 8.F.B.5	**Function Junction**: Core practice: tables, graphs, equations and stories **Algebra Wizards**: Review day: 8th grade level functions **What's My Rule?**: Practice functions & input/output rules; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 15–18	**Slope & Linear Functions** OAS PA.A.2.3–PA.A.2.5 · CCSS 8.EE.B.5–6, 8.F.B.4	**Slope Ski Run**: Core practice: slope from graphs, points and tables **Math Engineering Challenge**: Application day: 8th grade level slope **Math Money Manager**: Station: 8th grade level linear models **Math Quest: The Lost Kingdom**: Semester review before winter break: 8th grade level

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Systems of Equations** OAS PA.A.2.1, PA.A.4.1, A1.A.1.3 · CCSS 8.EE.C.8a–c	**Systems Showdown**: Core practice: choose the 8th grade level; graphing first, then substitution **Build-a-City**: Project day: 8th grade functions and systems **Weigh-In Pairs**: Practice algebraic reasoning; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks
Weeks 22–23	**The Pythagorean Theorem** OAS PA.GM.1.1–PA.GM.1.2 · CCSS 8.G.B.6–8	**Galaxy Race**: Use the Skills setting for Pythagorean theorem and distance **Math Island Survival**: Application day: 8th grade level **Geometry Architect**: Review day: 8th grade level **Hypotenuse Heist**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 24–25	**Angles & Transformations** OAS 6.GM.3.2, G.2D.1.1 · CCSS 8.G.A.1–5	**Angle Avengers**: Choose the 8th grade level: transversals, triangle sum and AA similarity **Transformation Battleship**: Mid-unit practice: rotations, dilations and similar figures
Weeks 26–27	**Surface Area & Volume** OAS PA.GM.2.1–PA.GM.2.4 · CCSS 8.G.C.9	**Box Factory Tycoon**: Core practice: prisms and cylinders

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Data & Scatter Plots** OAS PA.D.1.1–PA.D.1.3 · CCSS 8.SP.A.1–4	**Scatter Shot**: Core practice: choose the 8th grade level; includes two-way tables **Stat Showdown**: Station: box plots and outliers **Data Detective**: Review day: 8th grade level lines of best fit
Weeks 31–32	**Probability** OAS PA.D.2.1–PA.D.2.3 · CCSS 7.SP.C.8 (review)	**Probability Carnival**: Core practice: compound, independent and dependent events
Weeks 33–36	**OSTP Review** OAS all Pre-Algebra (PA) units · CCSS Grade 8 NS, EE, F, G, SP	**OSTP Review Showdown**: Main review game: pick categories by unit and play in teams **Math Quest: The Lost Kingdom**: Kick off review: 8th grade level **Math Escape Room**: Challenge day during review **Math Racing League**: Fast review of every strand **Math Detective Agency**: Station rotation **Math Mogul**: Final review day before OSTP: includes slope and the Pythagorean theorem **Around the World Math**: Post-test enrichment: 8th grade level equations **Math Magic**: Daily mental-math warm-up during review weeks (pass-and-play, 1–6 players) **Turf Takeover: 8th Grade Math Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Holiday weeks

Turkey Trouble: Thanksgiving week: functions & input/output rules practice; whole class on the smartboard
Systems Showdown Thanksgiving Edition: Thanksgiving week: systems of Equations practice; whole class on the smartboard
Harvest Scale: Thanksgiving week: algebra logic puzzles practice; whole class on the smartboard
Reindeer Mystery Picture - Two-Step Equations: Christmas week: two-step equations practice; self-checking, so it works for early finishers or a sub day

Any week of the year

Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Math Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Number Line Hop: 5-minute brain break any day: pick the level for your class; students move while they answer
Four Corners Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Mystery Number: 5-minute brain break any day: pick the level for your class; students move while they answer
Rock, Paper, Math: 5-minute brain break any day: pick the level for your class; students move while they answer
Make It!: 5-minute brain break any day: pick the level for your class; students move while they answer
Pattern Freeze Dance: 5-minute brain break any day: pick the level for your class; students move while they answer
Estimation Station: 5-minute brain break any day: pick the level for your class; students move while they answer

Algebra 1

For Oklahoma Algebra 1 teachers (usually 9th grade, or 8th grade advanced). The Algebra 1 games each target one unit; pick the Algebra 1 level where a game also offers 8th grade.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–2	**Real Numbers & Radicals** OAS A1.N.1.1–A1.N.1.2 · CCSS HSN-RN.A.2	**Radical Reactor**: Introduce simplifying square roots; whole-class teams
Weeks 3–6	**Solving Equations** OAS A1.A.1.1–A1.A.1.2, A1.A.3.1 · CCSS HSA-REI.A.1, HSA-REI.B.3, HSA-CED.A.4	**Solve-It Showdown**: Core practice: multi-step, absolute value and literal equations **Unit Express**: Practice units & dimensional analysis; choose the Algebra 1 level; whole class on the smartboard or pairs on Chromebooks
Weeks 7–9	**Inequalities** OAS A1.A.2.1–A1.A.2.2 · CCSS HSA-REI.B.3, HSA-CED.A.1	**Compound Inequality Corral**: Core practice: compound and absolute value inequalities

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Functions** OAS A1.F.1, A1.F.3 · CCSS HSF-IF.A.1–2, HSF-IF.B.5, HSF-BF.A.1	**Function Arcade**: Core practice: domain, range and function notation **Function Junction**: Day-one warm-up: review what a function is from Pre-Algebra **What's My Rule?**: Practice functions & input/output rules; choose the Algebra 1 level; whole class on the smartboard or pairs on Chromebooks **Function Frontier**: Practice interpreting functions; choose the Algebra 1 level; whole class on the smartboard or pairs on Chromebooks
Weeks 13–16	**Linear Equations & Graphs** OAS A1.A.4, A1.F.2 · CCSS HSA-CED.A.2, HSF-LE.A.2, HSF-BF.B.3	**Laser Line Up**: Core practice: every form of a line, parallel and perpendicular **Graph Morph**: Mid-unit practice: shifts of linear parent functions **Slope Ski Run**: Warm-up review of slope before slope-intercept form
Weeks 17–18	**Data & Lines of Best Fit** OAS A1.D.1.1–A1.D.1.3 · CCSS HSS-ID.B.5–6, HSS-ID.C.7–9	**Scatter Shot**: Choose the Algebra 1 level: residuals and correlation vs. causation **Bell Curve Bingo**: Practice statistics; choose the Algebra 1 level; whole class on the smartboard or pairs on Chromebooks

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Systems of Equations & Inequalities** OAS A1.A.1.3, A1.A.2.1 · CCSS HSA-REI.C.5–6, HSA-REI.D.12, HSA-CED.A.3	**Systems Showdown**: Core practice: choose the Algebra 1 level; end with systems of inequalities
Weeks 23–25	**Sequences & Exponential Functions** OAS A1.F.2.1, A1.F.3.2 · CCSS HSF-IF.A.3, HSF-BF.A.2, HSF-LE.A.1–3	**Growth Rush**: Core practice: sequences, then growth and decay models **Graph Morph**: Review day: linear vs. exponential **Sequence Starship**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 26–27	**Polynomials & Factoring** OAS A1.A.3.2–A1.A.3.4 · CCSS HSA-APR.A.1, HSA-SSE.A.2, HSA-SSE.B.3a	**Factor Forge**: Core practice: polynomial operations and factoring trinomials

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–31	**Quadratic Functions & Equations** OAS A1.A.3.3, A1.F.3.2 · CCSS HSA-REI.B.4, HSF-IF.C.7a, HSF-IF.C.8a	**Quadratic Quest**: Core practice: choose the Algebra 1 level; finish with projectile problems **Factor Forge**: Warm-up: factoring review before solving by factoring
Week 32	**Probability** OAS A1.D.2 · CCSS HSS-CP.A.1, HSS-CP.B.9, HSS-MD.A.2	**Odds On!**: Core practice: permutations, combinations and expected value
Weeks 33–36	**Final Exam Review** OAS all Algebra 1 (N, A, F, D) · CCSS HS Algebra, Functions, Statistics	**Solve-It Showdown**: Review day 1: equations **Laser Line Up**: Review day 2: linear functions **Function Arcade**: Review day 3: functions **Systems Showdown**: Review day 4: systems **Quadratic Quest**: Review day 5: quadratics **Turf Takeover: Algebra 1 Math Review**: Test review: a team game over every standard for this course; also good for a quick review at the end of each quarter

Holiday weeks

Turkey Trouble: Thanksgiving week: functions & input/output rules practice; whole class on the smartboard
Systems Showdown Thanksgiving Edition: Thanksgiving week: systems of Equations practice; whole class on the smartboard

Geometry

For Oklahoma Geometry teachers (usually 10th grade). The Geometry games follow the course units; a few Pre-Algebra games are listed as quick review before a unit.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Logic & Reasoning** OAS G.RL.1.1–G.RL.1.2 · CCSS MP3, HSG-CO.C.9	**If-Then Courtroom**: Core practice: conditionals, contrapositives and counterexamples **Define & Conquer**: Practice definitions & triangle area; choose the Geometry level; whole class on the smartboard or pairs on Chromebooks
Weeks 4–6	**Lines, Angles & Transversals** OAS G.2D.1.1, G.2D.1.4 · CCSS HSG-CO.C.9–10	**Angle Avengers**: Warm-up review: choose the 8th grade level, transversals and triangle sum
Weeks 7–9	**Coordinate Geometry** OAS G.2D.1.5–G.2D.1.7, A1.A.4.2–A1.A.4.3 · CCSS HSG-GPE.B.4–7	**Coordinate Proof Patrol**: Core practice: distance, midpoint, slope and partitioning **Laser Line Up**: Review day: parallel and perpendicular lines (HSG-GPE.B.5)

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Transformations & Rigid Motions** OAS G.2D.1.5 · CCSS HSG-CO.A.2–5, HSG-CO.B.6	**Congruence Clash**: Introduce with the "Rigid transformations" topic **Transformation Battleship**: Warm-up review of 8th grade transformations
Weeks 13–16	**Triangle Congruence & Proofs** OAS G.RL.1.1, G.2D.1.9 · CCSS HSG-CO.B.7–8, HSG-CO.C.10	**Congruence Clash**: Core practice: SSS, SAS, ASA, AAS, HL and CPCTC proofs **If-Then Courtroom**: Review day: deductive reasoning before writing proofs
Weeks 17–18	**Polygons & Quadrilaterals** OAS G.2D.1.2–G.2D.1.3, G.2D.1.11 · CCSS HSG-CO.C.11, HSG-CO.D.12	**Congruence Clash**: "Isosceles, triangle inequality & parallelograms" and constructions topics **Coordinate Proof Patrol**: Station: classify polygons on the coordinate plane

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Similarity** OAS G.2D.1.8, G.2D.1.10 · CCSS HSG-SRT.A.2, HSG-SRT.B.5	**Trig Tower**: Use the "Similar triangles & scale factor" topic **Angle Avengers**: Warm-up: choose the 8th grade level, "Angle-angle similarity" **Shrink Ray Lab**: Practice similarity & dilations; choose the Geometry level; whole class on the smartboard or pairs on Chromebooks
Weeks 22–25	**Right Triangles & Trigonometry** OAS G.RT.1.1–G.RT.1.4 · CCSS HSG-SRT.C.6–8	**Trig Tower**: Core practice: special right triangles, SOH-CAH-TOA, angles of elevation **Galaxy Race**: Warm-up: Pythagorean theorem review
Weeks 26–27	**Area of Polygons & Composite Figures** OAS G.2D.1.6–G.2D.1.7 (area and perimeter, including on the coordinate plane) · CCSS HSG-GPE.B.7	**Coordinate Proof Patrol**: "Perimeter and area from coordinates" topic **Land Grab**: Warm-up review of composite area and circles

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Circles** OAS G.C.1.1–G.C.1.3 · CCSS HSG-C.A.1–3, HSG-C.B.5, HSG-GPE.A.1	**Circle Spinners**: Core practice: circle angles, arc length, sector area and equations
Weeks 31–33	**Three-Dimensional Figures** OAS G.3D.1.1–G.3D.1.2 · CCSS HSG-GMD.A.3, HSG-GMD.B.4, HSG-MG.A.1–2	**Volume Voyage**: Core practice: choose the Geometry level; end with scaling (k^2, k^3) **Box Factory Tycoon**: Warm-up review of prism and cylinder formulas
Weeks 34–36	**Final Exam & ACT Review** OAS all Geometry (RL, 2D, 3D, RT, C) · CCSS HS Geometry	**Trig Tower**: Review day: right triangles **Circle Spinners**: Review day: circles **Congruence Clash**: Review day: congruence and proofs **Coordinate Proof Patrol**: Review day: coordinate geometry **Turf Takeover: Geometry Math Review**: Test review: a team game over every standard for this course; also good for a quick review at the end of each quarter

Algebra 2

For Oklahoma Algebra 2 teachers (usually 10th–11th grade). Each unit lists the Algebra 2 game that matches; earlier Algebra 1 games can serve as warm-up review.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Functions & Transformations Review** OAS A2.F.1.1–A2.F.1.2, A2.F.2.1 · CCSS HSF-BF.B.3, HSF-IF.B.4	**Graph Morph**: Warm-up review of parent functions and shifts **Function Arcade**: Review day: domain, range and combining functions
Weeks 4–6	**Quadratic Functions & Equations** OAS A2.A.1.1, A2.A.2.4, A2.F.1.3 · CCSS HSA-REI.B.4, HSF-IF.C.7a, HSF-IF.C.8a	**Quadratic Quest**: Core practice: choose the Algebra 2 level; vertex form and transformations
Weeks 7–9	**Complex Numbers** OAS A2.N.1.2, A2.A.1.1 · CCSS HSN-CN.A.1–3, HSN-CN.C.7	**Complex Cove**: Core practice: "Powers of i" and complex solutions of quadratics **Quadratic Quest**: Algebra 2 level, "Complex solutions (a ± bi)" topic

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–14	**Polynomial Functions** OAS A2.A.2.1–A2.A.2.2, A2.A.1.4, A2.F.1.5 · CCSS HSA-APR.A.1, HSA-APR.B.2–3, HSF-IF.C.7c	**Polynomial Power-Up**: Core practice: end behavior, zeros, synthetic division and the Remainder Theorem **Factor Forge**: Warm-up: factoring review from Algebra 1 **Sigma Summit**: End of the unit: Binomial Theorem and series practice; pairs on Chromebooks
Weeks 15–18	**Radicals & Rational Exponents** OAS A2.N.1.1, A2.N.1.3, A2.A.1.5, A2.A.2.5 · CCSS HSN-RN.A.1–2, HSA-REI.A.2	**Complex Cove**: Core practice: radicals, rational exponents and radical equations **Radical Reactor**: Warm-up review of simplifying square roots

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–23	**Exponential & Logarithmic Functions** OAS A2.A.1.2, A2.A.1.6, A2.F.1.4, A2.F.2.3–A2.F.2.4 · CCSS HSF-LE.A.4, HSF-BF.B.5, HSF-IF.C.8b	**Logarithm Lodge**: Core practice: log form, properties, equations and interest with e **Growth Rush**: Warm-up review of growth and decay models
Weeks 24–27	**Rational Functions** OAS A2.A.2.3, A2.A.1.3, A2.F.1.6 · CCSS HSA-APR.D.6–7, HSA-REI.A.2, HSF-IF.C.7d	**Rational Rescue**: Core practice: rational expressions, equations and asymptotes

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–29	**Matrices & Systems** OAS A2.N.2.1–A2.N.2.2, A2.A.1.7 · CCSS HSN-VM.C.6–12, HSA-REI.C.8–9	**Vector Voyage**: Use the Skills setting for "Matrix operations" and "Determinants, inverses, and matrix equations" **Systems Showdown**: Warm-up review: Algebra 1 level systems
Weeks 30–32	**Trigonometric Functions** OAS PC.T.1.1–PC.T.1.2 (introduced in Algebra 2) · CCSS HSF-TF.A.1–2, HSF-TF.B.5, HSF-TF.C.8	**Trig Function Tides**: Core practice: radians, unit circle and sine/cosine graphs
Week 33	**Statistics** OAS A2.D.1 (normal distribution, sampling and inference) · CCSS HSS-ID.A.4, HSS-IC.A.1	**Sample Space Station**: Practice statistics & probability; choose the Algebra 2 level; whole class on the smartboard or pairs on Chromebooks
Weeks 34–36	**Final Exam & ACT Review** OAS all Algebra 2 (N, A, F, D) · CCSS HS Algebra, Functions, Number	**Quadratic Quest**: Review day: quadratics and complex solutions **Polynomial Power-Up**: Review day: polynomials **Logarithm Lodge**: Review day: exponentials and logs **Turf Takeover: Algebra 2 Math Review**: Test review: a team game over every standard for this course; also good for a quick review at the end of each quarter

Precalculus

For Oklahoma Precalculus teachers (11th–12th grade). Trigonometry, vectors and conics each have a dedicated game; Algebra 2 games work as quick review in the early units.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Functions & Their Graphs** OAS PC.F.1 (function families, composition and inverses) · CCSS HSF-BF.A.1c, HSF-BF.B.4	**Function Arcade**: Warm-up review: function notation and combining functions **Graph Morph**: Warm-up review: transformations of parent functions
Weeks 5–9	**Polynomial & Rational Functions** OAS PC.F.1, A2.A.2.1–A2.A.2.3 · CCSS HSA-APR.B.2–3, HSA-APR.D.6, HSF-IF.C.7c–d	**Polynomial Power-Up**: Review day: zeros and the Remainder Theorem **Rational Rescue**: Review day: asymptotes and holes

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–13	**Exponential & Logarithmic Functions** OAS PC.F.1, A2.F.2.3–A2.F.2.4 · CCSS HSF-LE.A.4, HSF-BF.B.5	**Logarithm Lodge**: Mid-unit practice: log equations and continuous growth
Weeks 14–18	**Angles & the Unit Circle** OAS PC.T.1.1–PC.T.1.5 · CCSS HSF-TF.A.1–4	**Trig Function Tides**: Introduce radians and reference angles **Unit Circle Spin**: Core practice: exact values on the unit circle **Complex Compass**: Practice polar form & the complex plane; choose the Precalculus level; whole class on the smartboard or pairs on Chromebooks

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Graphs of Trig Functions** OAS PC.T.1.8, PC.F.1.5 · CCSS HSF-TF.B.5, HSF-IF.C.7e	**Trig Function Tides**: Core practice: amplitude, period, phase shift and periodic models
Weeks 22–25	**Identities & Trig Equations** OAS PC.T.3.1–PC.T.3.3, PC.T.2.4 · CCSS HSF-TF.B.6–7, HSF-TF.C.8–9	**Unit Circle Spin**: Core practice: identities, sum/difference and double-angle formulas
Weeks 26–27	**Law of Sines & Law of Cosines** OAS PC.T.2.2–PC.T.2.3 · CCSS HSG-SRT.D.10–11	**Unit Circle Spin**: "Law of Sines and Law of Cosines" topic **Trig Tower**: Warm-up review of right-triangle trig

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–31	**Vectors & Matrices** OAS PC.T.2.1 (vectors), A2.N.2.1–A2.N.2.2 · CCSS HSN-VM.A.1–3, HSN-VM.B.4–5, HSN-VM.C.6–12	**Vector Voyage**: Core practice: components, dot product, navigation and matrices
Weeks 32–34	**Conic Sections** OAS PC.CS.1.1–PC.CS.1.5 · CCSS HSG-GPE.A.1–3	**Conic Constellations**: Core practice: identify conics, then write equations **Circle Spinners**: Warm-up review: equation of a circle
Weeks 35–36	**Final Exam & ACT Review** OAS all Precalculus (F, T, CS) · CCSS HS Functions, Number & Quantity	**Unit Circle Spin**: Review day: trigonometry **Conic Constellations**: Review day: conics **Turf Takeover: Precalculus Math Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

ELA K–2

For kindergarten, 1st and 2nd grade teachers following the Oklahoma Academic Standards for ELA. Units follow a typical foundational-skills sequence; in each game choose the grade or skill that matches your class.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–5	**Phonemic Awareness & Short Vowels (CVC)** OAS K.2.PA.2–4, 1.2.PA.2 · CCSS RF.K.2, RF.1.2	**Phonics Rocket**: Daily station: use the Skills setting for short vowels, CVC words and rhymes
Weeks 6–9	**Characters & Setting** OAS K.2.R.1, 1.2.R.1, 2.2.R.1 · CCSS RL.K.3, RL.1.3, RL.2.3	**Story Detectives**: After a read-aloud: whole class on the smartboard, characters and setting

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–13	**Digraphs & Blends** OAS K.2.PWS.3–4, 1.2.PWS.1–3 · CCSS RF.K.3, RF.1.3	**Phonics Rocket**: Station: digraphs and blends; pairs on tablets or Chromebooks **Sight Word Pond**: Practice sight words; whole class on the smartboard or pairs on Chromebooks
Weeks 14–16	**Sentences, Capitals & End Marks** OAS 1.5.W.1–4, 2.5.W.1 · CCSS L.1.1–2, L.2.1–2	**Sentence Builders**: Grades 1–2: complete sentences, nouns, verbs, capitals and end marks
Weeks 17–18	**Retelling: Beginning, Middle & End** OAS K.3.R.2–3, 1.3.R.3–4 · CCSS RL.K.2, RL.1.2	**Story Detectives**: Review day: beginning-middle-end and key details

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Silent e & Long Vowels** OAS 1.2.PWS.1–3, 2.2.PWS.1–3 · CCSS RF.1.3c, RF.2.3	**Phonics Rocket**: Station: silent e and long vowels
Weeks 23–25	**Informational Text: Main Topic & Key Details** OAS K.2.R.3, 1.2.R.3, 2.2.R.3, 2.3.R.6 · CCSS RI.K.1–2, RI.1.2, RI.2.2	**Story Detectives**: After a nonfiction read-aloud: main topic and who/what/where/when/why/how **Word Wagon**: Vocabulary day: sort words into categories and pick the word that fits; whole class on the smartboard
Weeks 26–27	**Writing in Order** OAS 1.5.R.2, 2.5.R.2, 2.5.W.4–6 · CCSS W.1.3, W.2.3, L.2.1	**Sentence Builders**: "Putting writing in order" and pronouns; whole-class teams **Pencil Party**: Practice writing; whole class on the smartboard or pairs on Chromebooks

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–31	**Vowel Teams, R-Controlled Vowels & Syllables** OAS 2.2.PWS.1–3 · CCSS RF.2.3a–d	**Phonics Rocket**: Station: vowel teams, r-controlled vowels, syllables, prefixes and suffixes
Weeks 32–33	**Central Message & Fables** OAS 2.2.R.1, 2.3.R.3 · CCSS RL.1.2, RL.2.2, RL.2.5	**Story Detectives**: Central message and feelings; small groups
Week 34	**Grammar & Conventions** OAS 2.5.W.1, 2.5.W.4–6 · CCSS L.2.1–2	**Sentence Builders**: Contractions, commas and verb tense
Weeks 35–36	**End-of-Year Review & Reading Benchmarks** OAS K–2 Foundational Skills and Reading · CCSS RF.K–2, RL.K–2	**Phonics Rocket**: Review all phonics patterns before benchmark testing **Story Detectives**: Comprehension review game day

3rd Grade ELA

For 3rd grade ELA teachers following the Oklahoma Academic Standards. Choose the 3rd grade (or 3–5) level in each game; reading and writing units are paired so games reinforce the week's mini-lessons.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Literary Text: Characters & Inference** OAS 3.3.R.5, 3.3.R.3 · CCSS RL.3.1, RL.3.3	**Inference Island**: Introduce after the first read-aloud; whole class teams on the smartboard **Bookworm Bonanza**: Practice literature; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Reading Detective — Textual Evidence Mysteries**: Practice inference & Text Evidence; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Narrative Writing and Story Elements Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Reading Comprehension Mixed Review Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 4–6	**Narrative Writing** OAS 3.3.W.1, 3.2.W.1–2 · CCSS W.3.3	**Writing Workshop**: Choose the 3–5 level, "Narrative craft" topic, during writing block **Sentence Builders**: Choose 3rd grade skills: verb tense, agreement, commas and contractions
Weeks 7–9	**Vocabulary: Context Clues & Word Parts** OAS 3.4.R.2–3 · CCSS L.3.4–5	**Context Clue Quest**: Choose the 3rd grade level; context clues, then prefixes and suffixes **Vocabulary Quest — Context Clues**: Practice vocabulary; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Word Builder — Roots and Affixes**: Practice vocabulary; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Prefixes, Suffixes, and Root Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Vocabulary and Context Clues Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Main Idea & Summary** OAS 3.2.R.1, 3.2.R.3–4 · CCSS RI.3.2, RL.3.2	**Main Idea Mountain**: Core practice: main idea, supporting details and best summary **Main Idea Mission**: Practice main Idea & Summary; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Summary Sprint**: Practice main Idea & Summary; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Main Idea and Supporting Details Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 13–15	**Informational Text: Structure & Author's Purpose** OAS 3.3.R.1, 3.3.R.6–7 · CCSS RI.3.6, 8	**Author's Craft**: Choose the 3rd grade level: author's purpose and text structure **Main Idea Mountain**: Station: text structure questions
Weeks 16–18	**Informative Writing** OAS 3.3.W.2 · CCSS W.3.2	**Writing Workshop**: "Informative writing" topic: topic sentences and transitions **Sentence Builders**: Choose 3rd grade skills: verb tense, agreement, commas and contractions **Paragraph Puzzle**: Practice writing; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Paragraph Organization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Opinion: Reasons, Evidence, Fact & Opinion** OAS 3.3.R.6, 3.3.R.7 · CCSS RI.3.8	**Author's Craft**: "Reasons, evidence, fact & opinion" topic; pairs on Chromebooks **Inference Island**: Station: best text evidence
Weeks 22–23	**Opinion Writing** OAS 3.3.W.3 · CCSS W.3.1	**Writing Workshop**: "Opinion & argument" and "Revising drafts" topics
Weeks 24–25	**Research** OAS 3.6.R.1–3, 3.6.W.1–2 · CCSS W.3.7–8	**Research Rangers**: Choose the 3–5 level before a short research project
Weeks 26–27	**Comparing Texts & Accounts** OAS 3.7.R, 3.6.R.2 · CCSS RI.3.7, 9	**Compare & Connect**: Choose the 3–5 level: two texts on one topic **Author's Craft**: "Point of view & accounts" topic **Media Literacy and Advertising Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Poetry, Drama & Figurative Language** OAS 3.3.R.4, 3.4.R.3 · CCSS RL.3.4, 5, L.3.5	**Context Clue Quest**: Figurative language and connotation rounds **Inference Island**: Character motives and point of view in poems and plays **Figurative Language and Literary Devices Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Poetry and Drama Structure Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 31–32	**Grammar & Conventions Review** OAS 3.5.R.1–2, 3.5.W.1, 5–6 · CCSS L.3.1–2	**Sentence Builders**: Choose 3rd grade skills: verb tense, agreement, commas and contractions **Syllable Surf**: Practice decoding & fluency; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Grammar Detective — Find and Fix the Errors**: Practice grammar; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Punctuation Rescue — Save the Sentences**: Practice grammar; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Sentence Scramble — Build Correct Sentences**: Practice grammar; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Spelling Showdown**: Practice spelling; choose the 3rd grade level; whole class on the smartboard or pairs on Chromebooks **Grammar and Sentence Repair Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Parts of Speech Identification Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Punctuation and Capitalization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Spelling and Commonly Confused Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Writing Revision and Proofreading Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 33–36	**OSTP Review** OAS all 3rd grade ELA reading and writing strands · CCSS RL.3, RI.3, L.3	**Main Idea Mountain**: Review day: main idea and summary **Inference Island**: Review day: inference and text evidence **Context Clue Quest**: Review day: vocabulary **Author’s Craft**: Review day: author's purpose and structure **Compare & Connect**: Station during review week

4th Grade ELA

For 4th grade ELA teachers following the Oklahoma Academic Standards. Choose the 4th grade (or 3–5) level in each game; reading and writing units are paired so games reinforce the week's mini-lessons.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Literary Text: Characters & Inference** OAS 4.3.R.5, 4.3.R.3 · CCSS RL.4.1, RL.4.3	**Inference Island**: Introduce after the first read-aloud; whole class teams on the smartboard **Bookworm Bonanza**: Practice literature; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Literary Escape Room**: Practice reading Comprehension; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Reading Detective — Textual Evidence Mysteries**: Practice inference & Text Evidence; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Inference and Textual Evidence Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Narrative Writing and Story Elements Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Reading Comprehension Mixed Review Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 4–6	**Narrative Writing** OAS 4.3.W.1, 4.2.W.1–2 · CCSS W.4.3	**Writing Workshop**: Choose the 3–5 level, "Narrative craft" topic, during writing block **Grammar Galaxy**: Choose the 4th grade level; one topic per week as a warm-up **Transitions and Writing Cohesion Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 7–9	**Vocabulary: Context Clues & Word Parts** OAS 4.4.R.2–3 · CCSS L.4.4–5	**Context Clue Quest**: Choose the 4th grade level; context clues, then prefixes and suffixes **Vocabulary Quest — Context Clues**: Practice vocabulary; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Word Builder — Roots and Affixes**: Practice vocabulary; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Prefixes, Suffixes, and Root Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Vocabulary and Context Clues Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Main Idea & Summary** OAS 4.2.R.1, 4.2.R.3–4 · CCSS RI.4.2, RL.4.2	**Main Idea Mountain**: Core practice: main idea, supporting details and best summary **Main Idea Mission**: Practice main Idea & Summary; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Summary Sprint**: Practice main Idea & Summary; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Main Idea and Supporting Details Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Theme and Central Idea Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 13–15	**Informational Text: Structure & Author's Purpose** OAS 4.3.R.1, 4.3.R.6–7 · CCSS RI.4.5, 6, 8	**Author’s Craft**: Choose the 4th grade level: author's purpose and text structure **Main Idea Mountain**: Station: text structure questions **Fact-Check Challenge**: Practice argument & Informational Text; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Author's Purpose, Tone, and Point of View Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Fact, Opinion, and Bias Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Text Structure Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 16–18	**Informative Writing** OAS 4.3.W.2 · CCSS W.4.2	**Writing Workshop**: "Informative writing" topic: topic sentences and transitions **Grammar Galaxy**: Choose the 4th grade level; one topic per week as a warm-up **Paragraph Puzzle**: Practice writing; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Paragraph Organization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Opinion: Reasons, Evidence, Fact & Opinion** OAS 4.3.R.6, 4.3.R.7 · CCSS RI.4.8	**Author's Craft**: "Reasons, evidence, fact & opinion" topic; pairs on Chromebooks **Inference Island**: Station: best text evidence
Weeks 22–23	**Opinion Writing** OAS 4.3.W.3 · CCSS W.4.1	**Writing Workshop**: "Opinion & argument" and "Revising drafts" topics
Weeks 24–25	**Research** OAS 4.6.R.1–3, 4.6.W.1–2 · CCSS W.4.7–8	**Research Rangers**: Choose the 3–5 level before a short research project
Weeks 26–27	**Comparing Texts & Accounts** OAS 4.7.R, 4.6.R.2 · CCSS RI.4.6, 7, 9	**Compare & Connect**: Choose the 3–5 level: two texts on one topic, firsthand vs. secondhand accounts **Author's Craft**: "Point of view & accounts" topic **Compare-and-Contrast Text Analysis Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Media Literacy and Advertising Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Poetry, Drama & Figurative Language** OAS 4.3.R.4, 4.4.R.3 · CCSS RL.4.4, 5, L.4.5	**Context Clue Quest**: Figurative language and connotation rounds **Inference Island**: Character motives and point of view in poems and plays **Figurative Language Challenge**: Practice literature; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Figurative Language and Literary Devices Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Poetry and Drama Structure Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 31–32	**Grammar & Conventions Review** OAS 4.5.R.1–2, 4.5.W.1–2 · CCSS L.4.1–2	**Grammar Galaxy**: Choose the 4th grade level; one topic per week as a warm-up **Syllable Surf**: Practice decoding & fluency; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Grammar Detective — Find and Fix the Errors**: Practice grammar; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Punctuation Rescue — Save the Sentences**: Practice grammar; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Sentence Scramble — Build Correct Sentences**: Practice grammar; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Spelling Showdown**: Practice spelling; choose the 4th grade level; whole class on the smartboard or pairs on Chromebooks **Grammar and Sentence Repair Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Parts of Speech Identification Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Punctuation and Capitalization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Sentence Structure and Syntax Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Spelling and Commonly Confused Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Writing Revision and Proofreading Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 33–36	**OSTP Review** OAS all 4th grade ELA reading and writing strands · CCSS RL.4, RI.4, L.4	**Main Idea Mountain**: Review day: main idea and summary **Inference Island**: Review day: inference and text evidence **Context Clue Quest**: Review day: vocabulary **Author’s Craft**: Review day: author's purpose and structure **Compare & Connect**: Station during review week

5th Grade ELA

For 5th grade ELA teachers following the Oklahoma Academic Standards. Choose the 5th grade (or 3–5) level in each game; reading and writing units are paired so games reinforce the week's mini-lessons.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Literary Text: Characters & Inference** OAS 5.3.R.5, 5.3.R.3 · CCSS RL.5.1, RL.5.3	**Inference Island**: Introduce after the first read-aloud; whole class teams on the smartboard **Bookworm Bonanza**: Practice literature; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Literary Escape Room**: Practice reading Comprehension; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Reading Detective — Textual Evidence Mysteries**: Practice inference & Text Evidence; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Inference and Textual Evidence Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Narrative Writing and Story Elements Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Reading Comprehension Mixed Review Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 4–6	**Narrative Writing** OAS 5.3.W.1, 5.2.W.1–2 · CCSS W.5.3	**Writing Workshop**: Choose the 3–5 level, "Narrative craft" topic, during writing block **Grammar Galaxy**: Choose the 5th grade level; one topic per week as a warm-up **Essay Structure and Development Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Transitions and Writing Cohesion Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 7–9	**Vocabulary: Context Clues & Word Parts** OAS 5.4.R.2–3 · CCSS L.5.4–5	**Context Clue Quest**: Choose the 5th grade level; context clues, then prefixes and suffixes **Vocabulary Quest — Context Clues**: Practice vocabulary; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Word Builder — Roots and Affixes**: Practice vocabulary; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Prefixes, Suffixes, and Root Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Vocabulary and Context Clues Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Main Idea & Summary** OAS 5.2.R.1, 5.2.R.3–4 · CCSS RI.5.2, RL.5.2	**Main Idea Mountain**: Core practice: main idea, supporting details and best summary **Main Idea Mission**: Practice main Idea & Summary; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Summary Sprint**: Practice main Idea & Summary; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Main Idea and Supporting Details Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Theme and Central Idea Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 13–15	**Informational Text: Structure & Author's Purpose** OAS 5.3.R.1, 5.3.R.6–7 · CCSS RI.5.5, 6, 8	**Author’s Craft**: Choose the 5th grade level: author's purpose and text structure **Main Idea Mountain**: Station: text structure questions **Fact-Check Challenge**: Practice argument & Informational Text; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Author's Purpose, Tone, and Point of View Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Fact, Opinion, and Bias Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Text Structure Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 16–18	**Informative Writing** OAS 5.3.W.2 · CCSS W.5.2	**Writing Workshop**: "Informative writing" topic: topic sentences and transitions **Grammar Galaxy**: Choose the 5th grade level; one topic per week as a warm-up **Paragraph Puzzle**: Practice writing; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Paragraph Organization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Opinion: Reasons, Evidence, Fact & Opinion** OAS 5.3.R.6, 5.3.R.7 · CCSS RI.5.8	**Author's Craft**: "Reasons, evidence, fact & opinion" topic; pairs on Chromebooks **Inference Island**: Station: best text evidence
Weeks 22–23	**Opinion Writing** OAS 5.3.W.3 · CCSS W.5.1	**Writing Workshop**: "Opinion & argument" and "Revising drafts" topics
Weeks 24–25	**Research** OAS 5.6.R.1–3, 5.6.W.1–2 · CCSS W.5.7–8	**Research Rangers**: Choose the 3–5 level before a short research project
Weeks 26–27	**Comparing Texts & Accounts** OAS 5.7.R, 5.6.R.2 · CCSS RI.5.6, 7, 9	**Compare & Connect**: Choose the 3–5 level: two texts on one topic, firsthand vs. secondhand accounts **Author's Craft**: "Point of view & accounts" topic **Compare-and-Contrast Text Analysis Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Media Literacy and Advertising Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Poetry, Drama & Figurative Language** OAS 5.3.R.4, 5.4.R.3 · CCSS RL.5.4, 5, L.5.5	**Context Clue Quest**: Figurative language and connotation rounds **Inference Island**: Character motives and point of view in poems and plays **Figurative Language Challenge**: Practice literature; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Figurative Language and Literary Devices Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Poetry and Drama Structure Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 31–32	**Grammar & Conventions Review** OAS 5.5.R.1–2, 5.5.W.1–2 · CCSS L.5.1–2	**Grammar Galaxy**: Choose the 5th grade level; one topic per week as a warm-up **Syllable Surf**: Practice decoding & fluency; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Editor-in-Chief — Fix the Flawed Article**: Practice writing; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Grammar Detective — Find and Fix the Errors**: Practice grammar; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Punctuation Rescue — Save the Sentences**: Practice grammar; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Sentence Scramble — Build Correct Sentences**: Practice grammar; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Spelling Showdown**: Practice spelling; choose the 5th grade level; whole class on the smartboard or pairs on Chromebooks **Grammar and Sentence Repair Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Parts of Speech Identification Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Punctuation and Capitalization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Sentence Structure and Syntax Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Spelling and Commonly Confused Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Writing Revision and Proofreading Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 33–36	**OSTP Review** OAS all 5th grade ELA reading and writing strands · CCSS RL.5, RI.5, L.5	**Main Idea Mountain**: Review day: main idea and summary **Inference Island**: Review day: inference and text evidence **Context Clue Quest**: Review day: vocabulary **Author’s Craft**: Review day: author's purpose and structure **Compare & Connect**: Station during review week

6th Grade ELA

For 6th grade ELA teachers following the Oklahoma Academic Standards. Choose the 6th grade (or 6–8) level in each game; literary, informational and argument units alternate so every quarter mixes reading and writing.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Plot, Setting & Character** OAS 6.3.R.3 · CCSS RL.6.3, RL.6.5	**Plot Twist**: Choose the 6th grade level, "Plot structure & setting" then "Character & dialogue" **Literary Escape Room**: Practice reading Comprehension; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Literary Analysis and Symbolism Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Narrative Writing and Story Elements Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 5–7	**Narrative Writing** OAS 6.3.W.1, 6.2.W.2–3 · CCSS W.6.3	**Writing Workshop**: Choose the 6–8 level, "Narrative craft" topic **Essay Structure and Development Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Transitions and Writing Cohesion Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 8–9	**Grammar: Phrases, Clauses & Sentence Types** OAS 6.5.R.1–2 · CCSS L.6.1	**Grammar Gauntlet**: Choose the 6th grade level as a warm-up; one skill per week **Grammar Detective — Find and Fix the Errors**: Practice grammar; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Sentence Scramble — Build Correct Sentences**: Practice grammar; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Grammar and Sentence Repair Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Parts of Speech Identification Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Sentence Structure and Syntax Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Theme & Point of View** OAS 6.2.R.1, 6.3.R.4–5 · CCSS RL.6.2, RL.6.6	**Plot Twist**: "Theme & summary" and "Point of view & irony" topics **Main Idea Mission**: Practice main Idea & Summary; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Summary Sprint**: Practice main Idea & Summary; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Author's Purpose, Tone, and Point of View Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Main Idea and Supporting Details Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Theme and Central Idea Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 13–14	**Vocabulary & Figurative Language** OAS 6.4.R.2 · CCSS L.6.4–5	**Context Clue Quest**: Choose the 6th grade level: roots, analogies and connotation **Figurative Language Challenge**: Practice literature; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Vocabulary Quest — Context Clues**: Practice vocabulary; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Word Builder — Roots and Affixes**: Practice vocabulary; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Figurative Language and Literary Devices Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Prefixes, Suffixes, and Root Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Vocabulary and Context Clues Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 15–16	**Informational Text: Central Idea & Summary** OAS 6.2.R.1, 6.3.R.6 · CCSS RI.6.2, RI.6.6	**Argument Arena**: Use the central idea, objective summary and author's purpose skills **Fact-Check Challenge**: Practice argument & Informational Text; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Fact, Opinion, and Bias Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 17–18	**Informative Writing** OAS 6.3.W.2 · CCSS W.6.2	**Writing Workshop**: "Informative writing" and "Revising drafts" topics **Grammar Gauntlet**: Editing warm-up: commas, run-ons and agreement **Paragraph Puzzle**: Practice writing; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Paragraph Organization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Argument: Claims, Evidence & Counterclaims** OAS 6.3.R.1, 6.3.R.6, 6.3.W.3 · CCSS RI.6.8, W.6.1	**Argument Arena**: Core practice: claims, evidence, reasoning and counterclaims; teams on the smartboard **Debate Arena — Defend Claims with Evidence**: Practice argument & Informational Text; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Argument, Claims, and Evidence Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 23–24	**Argument Writing** OAS 6.3.W.3 · CCSS W.6.1	**Writing Workshop**: "Opinion & argument" topic before drafting
Weeks 25–27	**Research & Citing Sources** OAS 6.6.R.1–3, 6.6.W.1–3 · CCSS W.6.7–9	**Research Rangers**: Choose the 6–8 level before a research project; credible sources and citation **Source Sleuth — Trustworthy Sources**: Practice research; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Citation and Plagiarism Prevention Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Paraphrasing and Source Integration Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Research and Source Credibility Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–29	**Comparing Texts & Media** OAS 6.3.R.1, 6.7.R · CCSS RI.6.7, RI.6.9, RL.6.9	**Compare & Connect**: Choose the 6–8 level, including "Conflicting information" **Compare-and-Contrast Text Analysis Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Media Literacy and Advertising Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 30–31	**Poetry & Drama** OAS 6.3.R.4, 6.4.R.2 · CCSS RL.6.4–5, RL.6.7	**Plot Twist**: "Language, form & media" topic **Poetry and Drama Structure Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Week 32	**Grammar & Conventions Review** OAS 6.5.R.1–2 · CCSS L.6.1–2	**Grammar Gauntlet**: 6th grade level review of all skills **Editor-in-Chief — Fix the Flawed Article**: Practice writing; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Punctuation Rescue — Save the Sentences**: Practice grammar; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Spelling Showdown**: Practice spelling; choose the 6th grade level; whole class on the smartboard or pairs on Chromebooks **Punctuation and Capitalization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Spelling and Commonly Confused Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Writing Revision and Proofreading Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 33–36	**OSTP Review** OAS all 6th grade ELA reading and writing strands · CCSS RL.6, RI.6, W.6, L.6	**Plot Twist**: Review day: literary text **Argument Arena**: Review day: informational and argument text **Context Clue Quest**: Review day: vocabulary **Grammar Gauntlet**: Review day: editing and conventions **Compare & Connect**: Station during review week

7th Grade ELA

For 7th grade ELA teachers following the Oklahoma Academic Standards. Choose the 7th grade (or 6–8) level in each game; literary, informational and argument units alternate so every quarter mixes reading and writing.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Plot, Setting & Character** OAS 7.3.R.3 · CCSS RL.7.3, RL.7.5	**Plot Twist**: Choose the 7th grade level, "Plot structure & setting" then "Character & dialogue" **Literary Escape Room**: Practice reading Comprehension; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Literary Analysis and Symbolism Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Narrative Writing and Story Elements Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 5–7	**Narrative Writing** OAS 7.3.W.1, 7.2.W.2–3 · CCSS W.7.3	**Writing Workshop**: Choose the 6–8 level, "Narrative craft" topic **Essay Structure and Development Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Transitions and Writing Cohesion Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 8–9	**Grammar: Phrases, Clauses & Sentence Types** OAS 7.5.R.1–2 · CCSS L.7.1	**Grammar Gauntlet**: Choose the 7th grade level as a warm-up; one skill per week **Grammar Detective — Find and Fix the Errors**: Practice grammar; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Sentence Scramble — Build Correct Sentences**: Practice grammar; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Grammar and Sentence Repair Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Parts of Speech Identification Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Sentence Structure and Syntax Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Theme & Point of View** OAS 7.2.R.1, 7.3.R.4–5 · CCSS RL.7.2, RL.7.6	**Plot Twist**: "Theme & summary" and "Point of view & irony" topics **Main Idea Mission**: Practice main Idea & Summary; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Summary Sprint**: Practice main Idea & Summary; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Author's Purpose, Tone, and Point of View Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Main Idea and Supporting Details Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Theme and Central Idea Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 13–14	**Vocabulary & Figurative Language** OAS 7.4.R.2 · CCSS L.7.4–5	**Context Clue Quest**: Choose the 7th grade level: roots, analogies and connotation **Figurative Language Challenge**: Practice literature; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Vocabulary Quest — Context Clues**: Practice vocabulary; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Word Builder — Roots and Affixes**: Practice vocabulary; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Figurative Language and Literary Devices Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Prefixes, Suffixes, and Root Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Vocabulary and Context Clues Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 15–16	**Informational Text: Central Idea & Summary** OAS 7.2.R.1, 7.3.R.6 · CCSS RI.7.2, RI.7.6	**Argument Arena**: Use the central idea, objective summary and author's purpose skills **Fact-Check Challenge**: Practice argument & Informational Text; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Fact, Opinion, and Bias Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 17–18	**Informative Writing** OAS 7.3.W.2 · CCSS W.7.2	**Writing Workshop**: "Informative writing" and "Revising drafts" topics **Grammar Gauntlet**: Editing warm-up: commas, run-ons and agreement **Paragraph Puzzle**: Practice writing; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Paragraph Organization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Argument: Claims, Evidence & Counterclaims** OAS 7.3.R.1, 7.3.R.6, 7.3.W.3 · CCSS RI.7.8, W.7.1	**Argument Arena**: Core practice: claims, evidence, reasoning and counterclaims; teams on the smartboard **Debate Arena — Defend Claims with Evidence**: Practice argument & Informational Text; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Argument, Claims, and Evidence Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Logical Fallacies and Critical Reasoning Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 23–24	**Argument Writing** OAS 7.3.W.3 · CCSS W.7.1	**Writing Workshop**: "Opinion & argument" topic before drafting
Weeks 25–27	**Research & Citing Sources** OAS 7.6.R.1–3, 7.6.W.1–3 · CCSS W.7.7–9	**Research Rangers**: Choose the 6–8 level before a research project; credible sources and citation **Source Sleuth — Trustworthy Sources**: Practice research; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Citation and Plagiarism Prevention Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Paraphrasing and Source Integration Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Research and Source Credibility Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–29	**Comparing Texts & Media** OAS 7.3.R.1, 7.7.R · CCSS RI.7.7, RI.7.9, RL.7.9	**Compare & Connect**: Choose the 6–8 level, including "Conflicting information" **Compare-and-Contrast Text Analysis Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Media Literacy and Advertising Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 30–31	**Poetry & Drama** OAS 7.3.R.4, 7.4.R.2 · CCSS RL.7.4–5, RL.7.7	**Plot Twist**: "Language, form & media" topic **Poetry and Drama Structure Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Week 32	**Grammar & Conventions Review** OAS 7.5.R.1–2 · CCSS L.7.1–2	**Grammar Gauntlet**: 7th grade level review of all skills **Editor-in-Chief — Fix the Flawed Article**: Practice writing; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Punctuation Rescue — Save the Sentences**: Practice grammar; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Spelling Showdown**: Practice spelling; choose the 7th grade level; whole class on the smartboard or pairs on Chromebooks **Punctuation and Capitalization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Spelling and Commonly Confused Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Writing Revision and Proofreading Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 33–36	**OSTP Review** OAS all 7th grade ELA reading and writing strands · CCSS RL.7, RI.7, W.7, L.7	**Plot Twist**: Review day: literary text **Argument Arena**: Review day: informational and argument text **Context Clue Quest**: Review day: vocabulary **Grammar Gauntlet**: Review day: editing and conventions **Compare & Connect**: Station during review week

8th Grade ELA

For 8th grade ELA teachers following the Oklahoma Academic Standards. Choose the 8th grade (or 6–8) level in each game; literary, informational and argument units alternate so every quarter mixes reading and writing.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Plot, Setting & Character** OAS 8.3.R.3 · CCSS RL.8.3, RL.8.5	**Plot Twist**: Choose the 8th grade level, "Plot structure & setting" then "Character & dialogue" **Literary Escape Room**: Practice reading Comprehension; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Literary Analysis and Symbolism Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Narrative Writing and Story Elements Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 5–7	**Narrative Writing** OAS 8.3.W.1, 8.2.W.2–3 · CCSS W.8.3	**Writing Workshop**: Choose the 6–8 level, "Narrative craft" topic **Essay Structure and Development Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Transitions and Writing Cohesion Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 8–9	**Grammar: Phrases, Clauses & Sentence Types** OAS 8.5.R.1–2 · CCSS L.8.1	**Grammar Gauntlet**: Choose the 8th grade level as a warm-up; one skill per week **Grammar Detective — Find and Fix the Errors**: Practice grammar; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Sentence Scramble — Build Correct Sentences**: Practice grammar; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Grammar and Sentence Repair Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Parts of Speech Identification Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Sentence Structure and Syntax Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Theme & Point of View** OAS 8.2.R.1, 8.3.R.4–5 · CCSS RL.8.2, RL.8.6	**Plot Twist**: "Theme & summary" and "Point of view & irony" topics **Main Idea Mission**: Practice main Idea & Summary; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Summary Sprint**: Practice main Idea & Summary; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Author's Purpose, Tone, and Point of View Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Main Idea and Supporting Details Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Theme and Central Idea Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 13–14	**Vocabulary & Figurative Language** OAS 8.4.R.2 · CCSS L.8.4–5	**Context Clue Quest**: Choose the 8th grade level: roots, analogies and connotation **Figurative Language Challenge**: Practice literature; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Vocabulary Quest — Context Clues**: Practice vocabulary; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Word Builder — Roots and Affixes**: Practice vocabulary; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Figurative Language and Literary Devices Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Prefixes, Suffixes, and Root Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Vocabulary and Context Clues Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 15–16	**Informational Text: Central Idea & Summary** OAS 8.2.R.1, 8.3.R.6 · CCSS RI.8.2, RI.8.6	**Argument Arena**: Use the central idea, objective summary and author's purpose skills **Fact-Check Challenge**: Practice argument & Informational Text; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Fact, Opinion, and Bias Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 17–18	**Informative Writing** OAS 8.3.W.2 · CCSS W.8.2	**Writing Workshop**: "Informative writing" and "Revising drafts" topics **Grammar Gauntlet**: Editing warm-up: commas, run-ons and agreement **Paragraph Puzzle**: Practice writing; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Paragraph Organization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Argument: Claims, Evidence & Counterclaims** OAS 8.3.R.1, 8.3.R.6, 8.3.W.3 · CCSS RI.8.8, W.8.1	**Argument Arena**: Core practice: claims, evidence, reasoning and counterclaims; teams on the smartboard **Debate Arena — Defend Claims with Evidence**: Practice argument & Informational Text; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Argument, Claims, and Evidence Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Logical Fallacies and Critical Reasoning Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 23–24	**Argument Writing** OAS 8.3.W.3 · CCSS W.8.1	**Writing Workshop**: "Opinion & argument" topic before drafting
Weeks 25–27	**Research & Citing Sources** OAS 8.6.R.1–3, 8.6.W.1–3 · CCSS W.8.7–9	**Research Rangers**: Choose the 6–8 level before a research project; credible sources and citation **Source Sleuth — Trustworthy Sources**: Practice research; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Citation and Plagiarism Prevention Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Paraphrasing and Source Integration Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Research and Source Credibility Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–29	**Comparing Texts & Media** OAS 8.3.R.1, 8.7.R · CCSS RI.8.7, RI.8.9, RL.8.9	**Compare & Connect**: Choose the 6–8 level, including "Conflicting information" **Compare-and-Contrast Text Analysis Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Media Literacy and Advertising Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 30–31	**Poetry & Drama** OAS 8.3.R.4, 8.4.R.2 · CCSS RL.8.4–5, RL.8.7	**Plot Twist**: "Language, form & media" topic **Poetry and Drama Structure Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Week 32	**Grammar & Conventions Review** OAS 8.5.R.1–2 · CCSS L.8.1–2	**Grammar Gauntlet**: 8th grade level review of all skills **Editor-in-Chief — Fix the Flawed Article**: Practice writing; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Punctuation Rescue — Save the Sentences**: Practice grammar; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Spelling Showdown**: Practice spelling; choose the 8th grade level; whole class on the smartboard or pairs on Chromebooks **Punctuation and Capitalization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Spelling and Commonly Confused Words Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Writing Revision and Proofreading Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 33–36	**OSTP Review** OAS all 8th grade ELA reading and writing strands · CCSS RL.8, RI.8, W.8, L.8	**Plot Twist**: Review day: literary text **Argument Arena**: Review day: informational and argument text **Context Clue Quest**: Review day: vocabulary **Grammar Gauntlet**: Review day: editing and conventions **Compare & Connect**: Station during review week

ELA 9–10

For 9th and 10th grade English teachers following the Oklahoma Academic Standards. Choose the 9–10 level in each game; units follow a typical genre-based sequence with grammar and vocabulary woven in.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Short Story: Characterization & Point of View** OAS 9.3.R.3–4, 10.3.R.3–4 · CCSS RL.9-10.3, RL.9-10.6	**Literary Lens**: Core practice after each story: characterization and point of view **Author's Purpose, Tone, and Point of View Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Literary Analysis and Symbolism Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Narrative Writing and Story Elements Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 5–6	**Vocabulary: Context & Roots** OAS 9.4.R.1–4, 10.4.R.1–4 · CCSS L.9-10.4	**Word Wise**: Choose the 9–10 level; weekly warm-up on Greek and Latin roots **Vocabulary Quest — Context Clues**: Practice vocabulary; whole class on the smartboard or pairs on Chromebooks **Vocabulary and Context Clues Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 7–9	**Narrative Writing & Sentence Craft** OAS 9.5.R.1–2, 9.5.W.1–3 · CCSS W.9-10.3, L.9-10.1	**Style Studio**: Choose the 9–10 level: phrases and clauses, parallel structure **Editor-in-Chief — Fix the Flawed Article**: Practice writing; whole class on the smartboard or pairs on Chromebooks **Essay Structure and Development Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Grammar and Sentence Repair Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Sentence Structure and Syntax Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Writing Revision and Proofreading Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Poetry: Figurative Language, Tone & Structure** OAS 9.3.R.3–4, 9.4.R.3 · CCSS RL.9-10.4–5, L.9-10.5	**Literary Lens**: Figurative language, tone and poetry topics **Word Wise**: "Connotation & figures of speech" topic **Figurative Language Challenge**: Practice literature; whole class on the smartboard or pairs on Chromebooks **Figurative Language and Literary Devices Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Poetry and Drama Structure Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 13–15	**Rhetoric in Speeches & Essays** OAS 9.3.R.5–6, 10.3.R.5–6 · CCSS RI.9-10.6, RI.9-10.8	**Rhetoric Rumble**: Core practice: ethos, pathos, logos and fallacies; teams on the smartboard **Freedom Trail**: Practice founding documents & informational text; whole class on the smartboard or pairs on Chromebooks **Fact-Check Challenge**: Practice argument & Informational Text; whole class on the smartboard or pairs on Chromebooks **Argument, Claims, and Evidence Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Fact, Opinion, and Bias Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Logical Fallacies and Critical Reasoning Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 16–18	**Argument Essay** OAS 9.3.W.3, 10.3.W.3 · CCSS W.9-10.1, L.9-10.2	**Rhetoric Rumble**: Claims and evidence rounds before drafting **Style Studio**: Editing warm-ups: semicolons, colons and comma rules **Draft Day**: Practice writing; whole class on the smartboard or pairs on Chromebooks **Debate Arena — Defend Claims with Evidence**: Practice argument & Informational Text; whole class on the smartboard or pairs on Chromebooks **Punctuation and Capitalization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Drama: Theme, Conflict & Irony** OAS 9.3.R.3–4, 10.3.R.3–4 · CCSS RL.9-10.2–3, RL.9-10.5	**Literary Lens**: Theme, irony and structure after each act **Theme and Central Idea Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 23–26	**Research: Credible Sources & Citation** OAS 9.6.R.3, 10.6.R.3 · CCSS W.9-10.7–8	**Rhetoric Rumble**: "Credible sources and citation" skills before the research paper **Source Sleuth — Trustworthy Sources**: Practice research; whole class on the smartboard or pairs on Chromebooks **Citation and Plagiarism Prevention Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Paraphrasing and Source Integration Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Research and Source Credibility Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Week 27	**Informative Writing & Conventions** OAS 10.5.W.1, 10.5.W.3 · CCSS W.9-10.2, L.9-10.3	**Style Studio**: Concision and active vs. passive voice **Transitions and Writing Cohesion Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–31	**Novel Study** OAS 9.3.R.3–4, 10.3.R.3–4 · CCSS RL.9-10.2–4	**Literary Lens**: Weekly review game during the novel **Word Wise**: Vocabulary from the novel: context clues and multiple meanings **Literary Escape Room**: Practice reading Comprehension; whole class on the smartboard or pairs on Chromebooks
Week 32	**Media & Multimodal Argument** OAS 9.7.R, 10.7.R · CCSS RI.9-10.7, SL.9-10.2	**Rhetoric Rumble**: Analyze rhetorical strategies in ads and speeches **Media Literacy and Advertising Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 33–36	**Final Exam & PreACT Review** OAS all 9–10 ELA strands · CCSS RL, RI, W, L 9-10	**Literary Lens**: Review day: literary analysis **Rhetoric Rumble**: Review day: rhetoric and argument **Style Studio**: Review day: grammar and usage (PreACT English) **Word Wise**: Review day: vocabulary

ELA 11–12

For 11th and 12th grade English teachers (American and British/World literature) following the Oklahoma Academic Standards. Choose the 11–12 level in each game; juniors get a focused ACT English review before the spring state ACT.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Foundations of American/British Literature** OAS 11.3.R.3–4, 12.3.R.3–4 · CCSS RL.11-12.2–3, RL.11-12.9	**Literary Lens**: Core practice: theme and characterization in foundational texts **Compare-and-Contrast Text Analysis Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Narrative Writing and Story Elements Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Theme and Central Idea Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 5–6	**Academic Vocabulary** OAS 11.4.R.1–4, 12.4.R.1–4 · CCSS L.11-12.4–6	**Word Wise**: Choose the 11–12 level; weekly roots and academic words warm-up **Vocabulary Quest — Context Clues**: Practice vocabulary; whole class on the smartboard or pairs on Chromebooks **Vocabulary and Context Clues Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 7–9	**Rhetorical Analysis** OAS 11.3.R.5–6, 12.3.R.5–6 · CCSS RI.11-12.6, RI.11-12.8	**Rhetoric Rumble**: Core practice on founding documents and speeches: ethos, pathos, logos **Freedom Trail**: Practice founding documents & informational text; whole class on the smartboard or pairs on Chromebooks **Fact-Check Challenge**: Practice argument & Informational Text; whole class on the smartboard or pairs on Chromebooks **Argument, Claims, and Evidence Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Fact, Opinion, and Bias Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Logical Fallacies and Critical Reasoning Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Poetry & Figurative Language** OAS 11.3.R.4, 11.4.R.3 · CCSS RL.11-12.4–5, L.11-12.5	**Literary Lens**: Tone, mood, irony and poetry structure **Word Wise**: "Connotation & figures of speech" topic **Figurative Language Challenge**: Practice literature; whole class on the smartboard or pairs on Chromebooks **Figurative Language and Literary Devices Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Poetry and Drama Structure Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 13–15	**Argument Writing** OAS 11.3.W.3, 12.3.W.3 · CCSS W.11-12.1	**Rhetoric Rumble**: Claims, evidence and logical fallacies before drafting **Debate Arena — Defend Claims with Evidence**: Practice argument & Informational Text; whole class on the smartboard or pairs on Chromebooks **Transitions and Writing Cohesion Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 16–18	**Syntax & Style** OAS 11.5.R.1–2, 11.5.W.1–2 · CCSS L.11-12.1–3	**Style Studio**: Choose the 11–12 level: syntax for effect and concise writing **Editor-in-Chief — Fix the Flawed Article**: Practice writing; whole class on the smartboard or pairs on Chromebooks **Citation and Plagiarism Prevention Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Grammar and Sentence Repair Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Punctuation and Capitalization Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Sentence Structure and Syntax Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Writing Revision and Proofreading Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**ACT English & Reading Review (Juniors)** OAS 11.5.R.1–2, 11.4.R.1–4 · CCSS L.11-12.1–3, RI.11-12.1	**Style Studio**: Daily ACT English warm-up: punctuation, agreement and modifiers **Word Wise**: ACT Reading vocabulary-in-context practice **Inference and Textual Evidence Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Reading Comprehension Mixed Review Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 22–24	**Drama & Literary Movements** OAS 11.3.R.3–4, 12.3.R.3–4 · CCSS RL.11-12.3, RL.11-12.5–6	**Literary Lens**: Irony, structure and point of view after each act
Weeks 25–27	**Research Paper** OAS 11.6.R.3, 12.6.R.3 · CCSS W.11-12.7–8	**Rhetoric Rumble**: "Credible sources and citation" skills during research **Source Sleuth — Trustworthy Sources**: Practice research; whole class on the smartboard or pairs on Chromebooks **Paraphrasing and Source Integration Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Research and Source Credibility Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–31	**Novel Study & Literary Criticism** OAS 11.3.R.3–4, 12.3.R.3–4 · CCSS RL.11-12.1–6	**Literary Lens**: Weekly review game during the novel **Literary Escape Room**: Practice reading Comprehension; whole class on the smartboard or pairs on Chromebooks **Author's Purpose, Tone, and Point of View Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Literary Analysis and Symbolism Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 32–33	**College & Career Writing** OAS 12.3.W.2, 12.5.W.1–2 · CCSS W.11-12.2, W.11-12.4	**Style Studio**: Editing warm-ups for personal statements and resumes **Draft Day**: Practice writing; whole class on the smartboard or pairs on Chromebooks **Essay Structure and Development Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 34–36	**Final Exam & AP/ACT Review** OAS all 11–12 ELA strands · CCSS RL, RI, W, L 11-12	**Literary Lens**: Review day: literary analysis **Rhetoric Rumble**: Review day: rhetoric **Word Wise**: Review day: vocabulary

Science K–2

For kindergarten, 1st and 2nd grade teachers following the Oklahoma Academic Standards for Science. Units follow the K–2 physical, life and earth science topics; play the games whole-class on the smartboard after hands-on investigations.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–5	**Weather & Seasons** OAS K.ESS2.1, K.ESS3.2 · NGSS K-ESS2-1, K-ESS3-2	**Wind & Wheels**: After a week of weather charting: weather and severe-weather safety
Weeks 6–9	**Sunlight & Shade** OAS K.PS3.1–2 · NGSS K-PS3-1–2	**Wind & Wheels**: "Sunlight and shade" skills; finish with a shade-structure build

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–13	**Pushes & Pulls** OAS K.PS2.1–2 · NGSS K-PS2-1–2	**Wind & Wheels**: Pushes and pulls after ramp and ball investigations
Weeks 14–15	**Light & Sound** OAS 1.PS4.1–1.PS4.4 · NGSS 1-PS4-1–4	**Shine & Sound**: After the flashlight and vibration investigations: 1st grade light and sound questions, whole class on the smartboard **Moonbeam Meadow**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 16–18	**Properties of Materials** OAS 2.PS1.1–4 · NGSS 2-PS1-1–4	**Matter Mixers**: Choose the 2nd grade level: properties of materials and changes **Wind & Wheels**: "Building materials" skills **Puddle Jumpers**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**What Plants & Animals Need** OAS K.LS1.1, K.ESS3.1 · NGSS K-LS1-1, K-ESS3-1	**Habitat Heroes**: Introduce needs of living things and habitats **Sprout Safari**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 23–25	**Structures, Parents & Young** OAS 1.LS1.1–2, 1.LS3.1 · NGSS 1-LS1-1–2, 1-LS3-1	**Habitat Heroes**: Body parts and parents and young
Weeks 26–27	**Pollination, Seeds & Biodiversity** OAS 2.LS2.1–2, 2.LS4.1 · NGSS 2-LS2-1–2, 2-LS4-1	**Habitat Heroes**: Pollination and seed dispersal; end with the engineering challenge

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Sun, Moon & Stars** OAS 1.ESS1.1–2 · NGSS 1-ESS1-1–2	**Wind & Wheels**: "Sun, moon and seasons" skills
Weeks 31–33	**Changing Land: Wind, Water & Living Things** OAS 2.ESS2.1, K.ESS2.2 · NGSS 2-ESS2-1, K-ESS2-2	**Wind & Wheels**: Wind and water changing land **Habitat Heroes**: Living things changing the land **Land & Water Quest**: Practice earth's land & water; whole class on the smartboard or pairs on Chromebooks
Week 34	**Engineering Design** OAS K-2 ETS (define a problem, design, compare solutions) · NGSS K-2-ETS1-1–3	**Habitat Heroes**: Engineering challenge round
Weeks 35–36	**End-of-Year Review** OAS K–2 Science · NGSS K–2	**Wind & Wheels**: Review game day **Habitat Heroes**: Review game day **Turf Takeover: Kindergarten Science Review**: Test review: a team game over every standard for this course; also good for a quick review at the end of each quarter **Turf Takeover: 1st Grade Science Review**: Test review: a team game over every standard for this course; also good for a quick review at the end of each quarter **Turf Takeover: 2nd Grade Science Review**: Test review: a team game over every standard for this course; also good for a quick review at the end of each quarter

Any week of the year

Science Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Four Corners: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Particle Party: 5-minute brain break any day: pick the level for your class; students move while they answer
Animal Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Force Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Weather Warm-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Life Cycle Line-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Habitat Hop: 5-minute brain break any day: pick the level for your class; students move while they answer

3rd Grade Science

For 3rd grade science teachers following the Oklahoma Academic Standards for Science. Choose the 3rd grade (or 3–5) level in each game; Data Lab and Design Lab support the investigation and engineering weeks.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Forces & Motion** OAS 3.PS2.1–2 · NGSS 3-PS2-1–2	**Force Field Derby**: Choose the 3rd grade level: balanced and unbalanced forces **Data Lab**: Investigation week: patterns of motion (3.PS2.2) **Trail Scouts**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 4–5	**Magnets** OAS 3.PS2.3–4 · NGSS 3-PS2-3–4	**Force Field Derby**: Magnets topic; finish with a design problem
Weeks 6–9	**Weather & Climate** OAS 3.ESS2.1–2 · NGSS 3-ESS2-1–2	**Space & Earth Explorers**: Choose the 3rd grade level: weather and climate **Data Lab**: Graphing weather data (3.ESS2.1)

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Natural Hazards & Solutions** OAS 3.ESS3.1 · NGSS 3-ESS3-1	**Space & Earth Explorers**: Natural hazards topic **Design Lab**: Choose the 3–5 level: design a solution to reduce a weather hazard
Weeks 13–15	**Life Cycles** OAS 3.LS1.1 · NGSS 3-LS1-1	**Fossil Finders**: Choose the 3rd grade level, "Life cycles" topic
Weeks 16–18	**Animals in Groups** OAS 3.LS2.1 · NGSS 3-LS2-1	**Fossil Finders**: "Animals in groups" topic

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Traits & Inheritance** OAS 3.LS3.1–2 · NGSS 3-LS3-1–2	**Food Web Frenzy**: Choose the 3rd grade level: adaptations and traits
Weeks 22–24	**Adaptations & Survival** OAS 3.LS4.2–4 · NGSS 3-LS4-2–4	**Food Web Frenzy**: Interactions and changing ecosystems
Weeks 25–27	**Fossils & Past Environments** OAS 3.LS4.1 · NGSS 3-LS4-1	**Fossil Finders**: "Fossils & the fossil record" topic

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Engineering Design Challenge** OAS 3–5 ETS (3.ESS3.1 design) · NGSS 3-5-ETS1-1–3	**Design Lab**: Criteria, constraints and comparing solutions
Weeks 31–32	**Investigations & Data** OAS 3.ESS2.1, 3.PS2.2, G35.ETS1.3 · NGSS 3-5-ETS1-3	**Data Lab**: Fair tests and reading tables
Weeks 33–36	**End-of-Year Review** OAS 3rd grade Science (PS2, LS1–4, ESS2–3) · NGSS Grade 3	**Force Field Derby**: Review day: forces and magnets **Food Web Frenzy**: Review day: traits and adaptations **Space & Earth Explorers**: Review day: weather and hazards **Turf Takeover: 3rd Grade Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Any week of the year

Science Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Four Corners: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Particle Party: 5-minute brain break any day: pick the level for your class; students move while they answer
Animal Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Force Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Weather Warm-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Life Cycle Line-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Habitat Hop: 5-minute brain break any day: pick the level for your class; students move while they answer

4th Grade Science

For 4th grade science teachers following the Oklahoma Academic Standards for Science. Choose the 4th grade (or 3–5) level in each game.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Energy & Motion** OAS 4.PS3.1, 4.PS3.3 · NGSS 4-PS3-1, 4-PS3-3	**Force Field Derby**: Choose the 4th grade level: energy transfer and collisions **Data Lab**: Investigation: speed and energy (4.PS3.1)
Weeks 5–7	**Electricity & Circuits** OAS 4.PS3.2 · NGSS 4-PS3-2	**Circuit Breakers**: Choose the 4th grade level: open and closed circuits, conductors and insulators **Canyon Quest**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **Electrical Circuits Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 8–9	**Energy Conversion Design** OAS 4.PS3.4 · NGSS 4-PS3-4	**Circuit Breakers**: "Energy transformations" topic **Design Lab**: Choose the 3–5 level: design a device that converts energy

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Waves** OAS 4.PS4.1 · NGSS 4-PS4-1	**Wave Riders**: Choose the 4th grade level: wave parts and sound
Weeks 13–15	**Light, Vision & Information Transfer** OAS 4.PS4.2–3 · NGSS 4-PS4-2–3	**Wave Riders**: "Light & the EM spectrum" and "Codes & signals" topics
Weeks 16–18	**Plant & Animal Structures** OAS 4.LS1.1–2 · NGSS 4-LS1-1–2	**Food Web Frenzy**: Choose the 4th grade level: structures and senses

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Rock Layers & Earth's History** OAS 4.ESS1.1 · NGSS 4-ESS1-1	**Space & Earth Explorers**: Choose the 4th grade level: rocks, fossils and landforms **Earth's Interior and Plate Tectonics Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 22–24	**Weathering, Erosion & Maps** OAS 4.ESS2.1–2 · NGSS 4-ESS2-1–2	**Space & Earth Explorers**: Weathering, erosion and landform patterns
Weeks 25–27	**Energy Resources & Natural Hazards** OAS 4.ESS3.1–2 · NGSS 4-ESS3-1–2	**Space & Earth Explorers**: Natural hazards and resources **Design Lab**: Reduce the impact of an earthquake or flood (4.ESS3.2) **Severe Weather and Hurricane Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Engineering Design Challenge** OAS 3–5 ETS · NGSS 3-5-ETS1-1–3	**Design Lab**: Prototypes, fair tests and redesign **Bridge Strength and Engineering Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Earthquake and Volcano Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 31–32	**Investigations & Data** OAS 4.PS3.1, G35.ETS1.3 · NGSS 3-5-ETS1-3	**Data Lab**: Variables, trends and claims from data
Weeks 33–36	**End-of-Year Review** OAS 4th grade Science (PS3, PS4, LS1, ESS1–3) · NGSS Grade 4	**Force Field Derby**: Review day: energy **Wave Riders**: Review day: waves **Space & Earth Explorers**: Review day: Earth's surface **Turf Takeover: 4th Grade Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Any week of the year

Science Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Four Corners: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Particle Party: 5-minute brain break any day: pick the level for your class; students move while they answer
Animal Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Force Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Weather Warm-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Life Cycle Line-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Habitat Hop: 5-minute brain break any day: pick the level for your class; students move while they answer

5th Grade Science

For 5th grade science teachers following the Oklahoma Academic Standards for Science. Choose the 5th grade (or 3–5) level in each game; the last weeks prepare students for the 5th grade OSTP Science test.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–6	**Structure & Properties of Matter** OAS 5.PS1.1–4 · NGSS 5-PS1-1–4	**Matter Mixers**: Choose the 5th grade level: particles, conservation of mass and changes **Data Lab**: Investigation: conservation of mass data (5.PS1.3) **Biosphere Base**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **Electrical Circuits Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 7–9	**Gravity** OAS 5.PS2.1 · NGSS 5-PS2-1	**Force Field Derby**: Choose the 5th grade level: gravity **Space & Earth Explorers**: "Sun, moon, stars and gravity" topic

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–13	**Earth's Systems & Water** OAS 5.ESS2.1–2 · NGSS 5-ESS2-1–2	**Space & Earth Explorers**: Choose the 5th grade level: Earth's systems **Earth's Interior and Plate Tectonics Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Severe Weather and Hurricane Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Weather and Water Cycle Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 14–15	**Plants & Energy from the Sun** OAS 5.LS1.1, 5.PS3.1 · NGSS 5-LS1-1, 5-PS3-1	**Food Web Frenzy**: Choose the 5th grade level: producers and energy flow **Ecosystem and Food Web Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 16–18	**Ecosystems & Food Webs** OAS 5.LS2.1 · NGSS 5-LS2-1	**Food Web Frenzy**: Food chains, webs and decomposers

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Protecting Earth's Resources** OAS 5.ESS3.1 · NGSS 5-ESS3-1	**Planet Protectors**: Choose the 5th grade level: protecting Earth and resources
Weeks 23–25	**Engineering Design** OAS 3–5 ETS · NGSS 3-5-ETS1-1–3	**Design Lab**: Choose the 3–5 level: criteria, constraints and trade-offs **Bridge Strength and Engineering Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Earthquake and Volcano Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 26–27	**Investigations & Data** OAS 5.PS1.3, 5.ESS1.2 · NGSS 5-ESS1-2, 3-5-ETS1-3	**Data Lab**: Graphing shadows and day length (5.ESS1.2)

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–32	**Stars & Sun–Earth Patterns** OAS 5.ESS1.1–2 · NGSS 5-ESS1-1–2	**Space & Earth Explorers**: Star brightness, shadows and seasonal patterns **Solar System and Planetary Motion Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 33–36	**OSTP Science Review** OAS all 5th grade Science · NGSS Grade 5	**Matter Mixers**: Review day: matter **Food Web Frenzy**: Review day: ecosystems **Space & Earth Explorers**: Review day: Earth and space **Data Lab**: Review day: reading data and graphs **Turf Takeover: 5th Grade Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Any week of the year

Science Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Four Corners: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Particle Party: 5-minute brain break any day: pick the level for your class; students move while they answer
Animal Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Force Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Weather Warm-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Life Cycle Line-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Habitat Hop: 5-minute brain break any day: pick the level for your class; students move while they answer

6th Grade Science

For 6th grade science teachers following Oklahoma's middle school placement (cells and body systems, thermal energy, Earth's systems, weather and geologic time). Choose the 6th grade or 6–8 level in each game.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Week 1	**Scientific Investigation & Data** OAS MS.ETS1.3, 6.PS3.4 · NGSS MS-ETS1-3	**Data Lab**: Opening week: variables, fair tests and graphs
Weeks 2–5	**Cells & Cell Theory** OAS 6.LS1.1–2 · NGSS MS-LS1-1–2	**Cell City**: Choose the 6th grade level: cell theory and organelles **Microbe Mission**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **DNA Extraction and Genetics Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Frog Dissection Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Human Organ Dissection Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Microscopic Cell and Microorganism Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 6–9	**Body Systems** OAS 6.LS1.3, 6.LS1.8 · NGSS MS-LS1-3, MS-LS1-8	**Cell City**: Body systems and homeostasis

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Particles & States of Matter** OAS 6.PS1.4 · NGSS MS-PS1-4	**Matter Mixers**: Choose the 6–8 level: states of matter and particle motion **Reaction Rush**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **Chemical Safety and Reactions Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Chromatography and Mixture Separation Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 13–16	**Thermal Energy** OAS 6.PS3.3–4 · NGSS MS-PS3-3–4	**Force Field Derby**: Choose the 6–8 level: energy transfer **Data Lab**: Thermal energy investigation (6.PS3.4) **Design Lab**: Choose the 6–8 level: design an insulated container (6.PS3.3) **Rocket Rally**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **Heat Transfer Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 17–18	**Light & Materials** OAS 6.PS4.2 · NGSS MS-PS4-2	**Wave Riders**: Choose the 6–8 level: reflection, absorption and transmission

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Earth's Systems & the Water Cycle** OAS 6.ESS2.1, 6.ESS2.4 · NGSS MS-ESS2-1, MS-ESS2-4	**Space & Earth Explorers**: Choose the 6th grade level: Earth's systems and cycles
Weeks 22–25	**Weather & Climate** OAS 6.ESS2.5–6 · NGSS MS-ESS2-5–6	**Space & Earth Explorers**: Weather and climate topic **Data Lab**: Weather data trends **Extreme Weather and Storm Formation Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 26–27	**Natural Hazards** OAS 6.ESS3.2 · NGSS MS-ESS3-2	**Planet Protectors**: Choose the 6–8 level: "Natural hazards" topic

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–31	**Plate Tectonics & Geologic Time** OAS 6.ESS1.4, 6.ESS2.2–3 · NGSS MS-ESS1-4, MS-ESS2-2–3	**Space & Earth Explorers**: Plate tectonics and rock record **Fossil Finders**: Choose the 6–8 level: "Rock layers & relative dating" **Plate Tectonics and Earthquake Modeling Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Week 32	**Engineering Design** OAS MS.ETS1 · NGSS MS-ETS1-1–4	**Design Lab**: Trade-offs and decision matrices **Electrical Circuits and Troubleshooting Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 33–36	**End-of-Year Review** OAS 6th grade Science · NGSS MS	**Cell City**: Review day: cells and body systems **Space & Earth Explorers**: Review day: Earth's systems **Force Field Derby**: Review day: thermal energy **Turf Takeover: Middle School Life Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter **Turf Takeover: Middle School Physical Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter **Turf Takeover: Middle School Earth & Space Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Any week of the year

Science Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Four Corners: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Particle Party: 5-minute brain break any day: pick the level for your class; students move while they answer
Animal Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Force Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Weather Warm-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Life Cycle Line-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Habitat Hop: 5-minute brain break any day: pick the level for your class; students move while they answer

7th Grade Science

For 7th grade science teachers following Oklahoma's middle school placement (matter and chemical reactions, kinetic and potential energy, ecosystems, photosynthesis and respiration, human impact). Choose the 7th grade or 6–8 level in each game.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Atoms, Elements & Molecules** OAS 7.PS1.1 · NGSS MS-PS1-1	**Periodic Table Heist**: Choose the 7th grade level: atoms and the periodic table **Matter Mixers**: Choose the 6–8 level: particles and atoms **Chromatography and Mixture Separation Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 4–5	**Properties of Matter & Density** OAS 7.PS1.2–3 · NGSS MS-PS1-2–3	**Matter Mixers**: Density and properties **Data Lab**: Analyze properties before and after a change (7.PS1.2)
Weeks 6–9	**Chemical Reactions & Conservation of Mass** OAS 7.PS1.2, 7.PS1.5–6 · NGSS MS-PS1-2, MS-PS1-5–6	**Periodic Table Heist**: Counting atoms and balancing simple equations **Matter Mixers**: Physical vs. chemical changes and conservation of mass **Design Lab**: Choose the 6–8 level: design a heat pack or cold pack (7.PS1.6) **Reaction Rush**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **Chemical Reactions and pH Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Chemical Safety and Reactions Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–13	**Kinetic & Potential Energy** OAS 7.PS3.1–2 · NGSS MS-PS3-1–2	**Force Field Derby**: Choose the 6–8 level: kinetic and potential energy **Data Lab**: Graph kinetic energy vs. mass and speed (7.PS3.1) **Rocket Rally**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 14–15	**Energy Transfer** OAS 7.PS3.3, 7.PS3.5 · NGSS MS-PS3-3, MS-PS3-5	**Circuit Breakers**: Choose the 6–8 level: energy transformations **Force Field Derby**: Energy transfer rounds **Heat Transfer Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 16–18	**Photosynthesis & Respiration** OAS 7.LS1.6–7 · NGSS MS-LS1-6–7	**Cell City**: Choose the 7th grade level: photosynthesis and respiration **Microbe Mission**: Independent practice on Chromebooks; check the skills report at the end to see who needs help

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Ecosystem Interactions** OAS 7.LS2.1–2 · NGSS MS-LS2-1–2	**Food Web Frenzy**: Choose the 7th grade level: interactions and resources **Data Lab**: Population data (7.LS2.1) **Ecosystem Population Dynamics Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Microscopic Cell and Microorganism Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 23–25	**Energy Flow & Cycling of Matter** OAS 7.LS2.3 · NGSS MS-LS2-3	**Food Web Frenzy**: Food webs and energy flow
Weeks 26–27	**Ecosystem Change & Biodiversity** OAS 7.LS2.4–5 · NGSS MS-LS2-4–5	**Food Web Frenzy**: "Changing ecosystems" topic **Design Lab**: Evaluate solutions for maintaining biodiversity (7.LS2.5)

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–31	**Natural Resources & Human Impact** OAS 7.ESS3.1, 7.ESS3.3–5 · NGSS MS-ESS3-1, MS-ESS3-3–5	**Planet Protectors**: Choose the 6–8 level: resources, population and global temperature
Week 32	**Engineering Design** OAS MS.ETS1 · NGSS MS-ETS1-1–4	**Design Lab**: Final design challenge **Electrical Circuits and Troubleshooting Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Plate Tectonics and Earthquake Modeling Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 33–36	**End-of-Year Review** OAS 7th grade Science · NGSS MS	**Matter Mixers**: Review day: matter **Periodic Table Heist**: Review day: atoms and reactions **Food Web Frenzy**: Review day: ecosystems **Turf Takeover: Middle School Life Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter **Turf Takeover: Middle School Physical Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter **Turf Takeover: Middle School Earth & Space Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Any week of the year

Science Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Four Corners: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Particle Party: 5-minute brain break any day: pick the level for your class; students move while they answer
Animal Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Force Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Weather Warm-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Life Cycle Line-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Habitat Hop: 5-minute brain break any day: pick the level for your class; students move while they answer

8th Grade Science

For 8th grade science teachers following Oklahoma's middle school placement (forces and motion, waves, genetics and evolution, space systems). Choose the 8th grade or 6–8 level in each game; the last weeks prepare students for the 8th grade OSTP Science test.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Forces & Newton's Laws** OAS 8.PS2.1–2 · NGSS MS-PS2-1–2	**Force Field Derby**: Choose the 6–8 level: Newton's laws and F = ma **Data Lab**: Motion data (8.PS2.2) **Rocket Rally**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **Projectile Motion and Gravity Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 5–7	**Electric, Magnetic & Gravitational Forces** OAS 8.PS2.3–5 · NGSS MS-PS2-3–5	**Circuit Breakers**: Choose the 6–8 level: electromagnets and fields **Force Field Derby**: Gravity and magnets
Weeks 8–9	**Collision Design Challenge** OAS 8.PS2.1, MS.ETS1 · NGSS MS-PS2-1, MS-ETS1-1–4	**Design Lab**: Choose the 6–8 level: design to reduce collision force **Electrical Circuits and Troubleshooting Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Plate Tectonics and Earthquake Modeling Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–13	**Wave Properties** OAS 8.PS4.1 · NGSS MS-PS4-1	**Wave Riders**: Choose the 6–8 level: wave parts and wave math
Weeks 14–15	**Light, Sound & Digital Signals** OAS 6.PS4.2, 8.PS4.3 · NGSS MS-PS4-2–3	**Wave Riders**: "Codes & signals" topic **Force Field Derby**: Waves rounds
Weeks 16–18	**Earth–Sun–Moon System** OAS 8.ESS1.1 · NGSS MS-ESS1-1	**Space & Earth Explorers**: Choose the 8th grade level: seasons, phases and eclipses

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–20	**Gravity & the Solar System** OAS 8.ESS1.2–3 · NGSS MS-ESS1-2–3	**Space & Earth Explorers**: Gravity and scale of the solar system
Weeks 21–22	**Animal Behavior & Plant Growth** OAS 8.LS1.4–8.LS1.5 · NGSS MS-LS1-4–5	**Nest & Nectar**: Mid-unit practice on animal behaviors, plant structures and what affects growth; pairs on Chromebooks
Weeks 23–25	**Genetics & Heredity** OAS 8.LS3.1–2 · NGSS MS-LS3-1–2	**Genetics Lab**: Choose the 7–8 level: mutations, reproduction and Punnett squares **Microbe Mission**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **DNA Extraction and Genetics Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 26–27	**Natural Selection** OAS 8.LS4.4–6 · NGSS MS-LS4-4–6	**Genetics Lab**: "Natural selection" skills **Evolution and Natural Selection Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Evidence of Evolution** OAS 8.LS4.1–3 · NGSS MS-LS4-1–3	**Fossil Finders**: Choose the 6–8 level: fossil record and anatomy evidence **Frog Dissection Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 31–32	**Data & Engineering Review** OAS MS.ETS1.3, 8.PS2.2 · NGSS MS-ETS1-3	**Data Lab**: Data analysis practice for OSTP
Weeks 33–36	**OSTP Science Review** OAS all 6th–8th grade Science · NGSS MS	**Force Field Derby**: Review day: forces and energy **Genetics Lab**: Review day: genetics **Cell City**: Review day: 6th–7th grade cells and body systems **Space & Earth Explorers**: Review day: Earth and space **Food Web Frenzy**: Review day: 7th grade ecosystems **Turf Takeover: Middle School Life Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter **Turf Takeover: Middle School Physical Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter **Turf Takeover: Middle School Earth & Space Science Review**: Test review: a team game over every standard for this grade; also good for a quick review at the end of each quarter

Any week of the year

Science Stand Up, Sit Down: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Four Corners: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Simon Says: 5-minute brain break any day: pick the level for your class; students move while they answer
Science Beat the Buzzer: 5-minute brain break any day: pick the level for your class; students move while they answer
Particle Party: 5-minute brain break any day: pick the level for your class; students move while they answer
Animal Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Force Moves: 5-minute brain break any day: pick the level for your class; students move while they answer
Weather Warm-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Life Cycle Line-Up: 5-minute brain break any day: pick the level for your class; students move while they answer
Habitat Hop: 5-minute brain break any day: pick the level for your class; students move while they answer

Biology

For Oklahoma Biology teachers (usually 9th–10th grade). Choose the Biology level in Cell City and Genetics Lab; Ecosystem Balance covers the ecology units.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**Cell Structure & Function** OAS B.LS1.1–2 · NGSS HS-LS1-1–2	**Cell City**: Choose the Biology level: organelles and cell systems **Data Lab**: Opening lab week: variables and data **Code of Life**: Independent practice on Chromebooks; check the skills report at the end to see who needs help **Advanced Dissection and Anatomy Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Advanced Human Physiology Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 5–7	**Membranes, Transport & Homeostasis** OAS B.LS1.3 · NGSS HS-LS1-3	**Cell City**: Membranes and transport
Weeks 8–9	**Photosynthesis & Cellular Respiration** OAS B.LS1.5–7 · NGSS HS-LS1-5–7	**Cell City**: Photosynthesis and respiration

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**DNA & Protein Synthesis** OAS B.LS1.1, B.LS3.1 · NGSS HS-LS1-1, HS-LS3-1	**Cell City**: DNA and proteins **Genetics Lab**: Choose the Biology level: DNA and genes **Genetic Engineering and Gene-Editing Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 13–15	**Mitosis & Meiosis** OAS B.LS1.4, B.LS3.2 · NGSS HS-LS1-4, HS-LS3-2	**Cell City**: Mitosis topic **Genetics Lab**: Meiosis and mutations
Weeks 16–18	**Heredity & Genetics** OAS B.LS3.1–3 · NGSS HS-LS3-1–3	**Genetics Lab**: Punnett squares, codominance and sex-linked traits **DNA Mutation and Genetics Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Evolution & Natural Selection** OAS B.LS4.1–4 · NGSS HS-LS4-1–4	**Genetics Lab**: Natural selection skills **Advanced Evolutionary Population Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 23–25	**Populations & Carrying Capacity** OAS B.LS2.1–2 · NGSS HS-LS2-1–2	**Ecosystem Balance**: Carrying capacity and population growth **Data Lab**: Choose the 9–12 level: population data (B.LS2.1) **Ecosystem Stability and Population Modeling Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 26–27	**Energy & Matter in Ecosystems** OAS B.LS2.3–5 · NGSS HS-LS2-3–5	**Ecosystem Balance**: Energy pyramids and carbon/nitrogen cycles

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Biodiversity & Human Impact** OAS B.LS2.6, B.LS4.5 · NGSS HS-LS2-6–7, HS-LS4-6	**Ecosystem Balance**: Biodiversity, succession and human impacts **Design Lab**: Choose the 9–12 level: reduce a human impact on biodiversity
Week 31	**Group Behavior** OAS B.LS2.7 · NGSS HS-LS2-8	**Ecosystem Balance**: "Group behavior & survival" topic
Weeks 32–36	**Final Exam Review** OAS all Biology (LS1–LS4) · NGSS HS-LS	**Cell City**: Review day: cells **Genetics Lab**: Review day: genetics and evolution **Ecosystem Balance**: Review day: ecology **Turf Takeover: Biology Review**: Test review: a team game over every standard for this course; also good for a quick review at the end of each quarter

Chemistry

For Oklahoma Chemistry teachers (10th–12th grade). Choose the Chemistry level in Periodic Table Heist and use the Skills setting to match each unit.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Matter & Measurement** OAS CH.PS1 (classifying matter, measurement and significant figures) · NGSS HS-PS1-3	**Matter Mixers**: Warm-up review: choose the 6–8 level for states and properties **Data Lab**: Choose the 9–12 level: lab data and graphing **Bond Breakers**: Practice bonding & reaction energy; whole class on the smartboard or pairs on Chromebooks **Mole Mountain**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 4–6	**Atomic Structure** OAS CH.PS1.1 · NGSS HS-PS1-1	**Periodic Table Heist**: Choose the Chemistry level: atoms, ions and isotopes
Weeks 7–9	**The Periodic Table & Trends** OAS CH.PS1.1–2 · NGSS HS-PS1-1–2	**Periodic Table Heist**: Periodic trends **Molecular Structure and Chemical Bonding Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–14	**Bonding & Chemical Formulas** OAS CH.PS1.2 · NGSS HS-PS1-2	**Periodic Table Heist**: Bonding and formulas
Weeks 15–16	**Nuclear Chemistry** OAS CH.PS1.8 · NGSS HS-PS1-8	**Periodic Table Heist**: Nuclear chemistry
Weeks 17–18	**The Mole & Counting Atoms** OAS CH.PS1.7 · NGSS HS-PS1-7	**Periodic Table Heist**: "Counting atoms" skills

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Chemical Reactions & Balancing** OAS CH.PS1.2, CH.PS1.7 · NGSS HS-PS1-2, HS-PS1-7	**Periodic Table Heist**: Balancing equations and reaction types
Weeks 23–25	**Stoichiometry** OAS CH.PS1.7 · NGSS HS-PS1-7	No game for this unit yet.
Weeks 26–27	**Reaction Rates & Equilibrium** OAS CH.PS1.5–6 · NGSS HS-PS1-5–6	**Periodic Table Heist**: Reaction rates **Design Lab**: Choose the 9–12 level: refine a system to shift equilibrium (CH.PS1.6) **Chemical Equilibrium Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Chemical Reaction Kinetics Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Advanced Molecular Reaction Mechanisms Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Chemical Equilibrium and Kinetics Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Gases** OAS CH.PS1 (gas laws, kinetic molecular theory) · NGSS HS-PS1-3	No game for this unit yet.
Weeks 31–33	**Solutions, Acids & Bases** OAS CH.PS1 (solutions, concentration, pH) · NGSS HS-PS1-3	No game for this unit yet.
Weeks 34–36	**Final Exam & ACT Science Review** OAS all Chemistry · NGSS HS-PS1	**Periodic Table Heist**: Review day: full game, all skills **Data Lab**: ACT Science practice: interpreting data **Turf Takeover: Chemistry Review**: Test review: a team game over every standard for this course; also good for a quick review at the end of each quarter

Physics / Physical Science

For Oklahoma Physical Science (9th) and Physics (11th–12th) teachers. Choose the Physics or Physical Science level in each game; Wave Riders is the 6–8 level, so use it as review before the waves unit.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–3	**Motion & Kinematics** OAS PH.PS2.1, PS.PS2.1 · NGSS HS-PS2-1	**Data Lab**: Choose the 9–12 level: motion graphs and trends **Velocity Vault**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 4–7	**Newton's Laws** OAS PH.PS2.1, PS.PS2.1 · NGSS HS-PS2-1	**Force Field Derby**: Choose the Physics level: Newton's laws and F = ma
Weeks 8–9	**Momentum & Collisions** OAS PH.PS2.2–3 · NGSS HS-PS2-2–3	**Force Field Derby**: Momentum rounds **Design Lab**: Choose the 9–12 level: design a device to minimize collision force (PH.PS2.3)

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–12	**Gravitational & Electric Forces** OAS PH.PS2.4 · NGSS HS-PS2-4	**Force Field Derby**: Gravity and fields
Weeks 13–16	**Energy & Conservation** OAS PH.PS3.1–2, PS.PS3.1–2 · NGSS HS-PS3-1–2	**Force Field Derby**: Kinetic and potential energy **Circuit Breakers**: Choose the Physical Science/Physics level: energy transformations **Complex Electrical Circuit Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Thermodynamics and Energy Transfer Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Advanced Circuit Design and Electronics Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Nuclear Reactions and Radioactive Decay Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Thermodynamics and Molecular Energy Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 17–18	**Thermal Energy** OAS PS.PS3 (heat transfer and thermal equilibrium) · NGSS HS-PS3-4	**Data Lab**: Thermal equilibrium lab data

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–22	**Electricity & Circuits** OAS PS.PS3.3 · NGSS HS-PS3-3	**Circuit Breakers**: Ohm's law and power
Weeks 23–25	**Magnetism & Electromagnetism** OAS PS.PS2.5 · NGSS HS-PS2-5, HS-PS3-5	**Circuit Breakers**: Electromagnets and fields
Weeks 26–27	**Waves** OAS PH.PS4.1 · NGSS HS-PS4-1	**Wave Riders**: Warm-up review: choose the 6–8 level, "Wave math" **Force Field Derby**: Waves and wave speed

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Electromagnetic Radiation & Light** OAS PH.PS4 (EM spectrum, wave–particle model) · NGSS HS-PS4-3–5	**Wave Riders**: "Light & the EM spectrum" and "Codes & signals" as review **Photon Frontier**: Practice modern waves & materials; whole class on the smartboard or pairs on Chromebooks **Nuclear Physics and Radioactive Decay Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 31–32	**Engineering Design** OAS PH.PS2.3 · NGSS HS-ETS1-1–4	**Design Lab**: Choose the 9–12 level: trade-offs and decision matrices
Weeks 33–36	**Final Exam & ACT Science Review** OAS all Physics / Physical Science · NGSS HS-PS2–PS4	**Force Field Derby**: Review day: forces and energy **Circuit Breakers**: Review day: electricity **Data Lab**: ACT Science practice **Turf Takeover: Physics Review**: Test review: a team game over every standard for this course; also good for a quick review at the end of each quarter

Earth & Space Science

For Oklahoma Earth & Space Science and Environmental Science teachers (9th–12th grade). Star Story and Earth Systems Expedition are the core games; middle school Earth games work as quick review.

Quarter 1

Weeks	Unit and standards	Games and how to use them
Weeks 1–4	**The Universe & Stars** OAS ES.ESS1.1–3 · NGSS HS-ESS1-1–3	**Star Story**: Core practice: fusion, star life cycles and Big Bang evidence **Cosmic Core**: Independent practice on Chromebooks; check the skills report at the end to see who needs help
Weeks 5–7	**Orbits & Kepler's Laws** OAS ES.ESS1.4 · NGSS HS-ESS1-4	**Star Story**: "Kepler's laws & orbits" topic **Space & Earth Explorers**: Warm-up review: choose the 8th grade level **Orbital Mechanics and Gravity Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together **Advanced Orbital Mechanics Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 8–9	**Earth's Early History** OAS ES.ESS1.5–6 · NGSS HS-ESS1-5–6	**Star Story**: "Dating Earth's early history" topic

Quarter 2

Weeks	Unit and standards	Games and how to use them
Weeks 10–14	**Earth's Interior & Plate Tectonics** OAS ES.ESS1.5, ES.ESS2.1, ES.ESS2.3 · NGSS HS-ESS1-5, HS-ESS2-1, HS-ESS2-3	**Earth Systems Expedition**: Plate tectonics and Earth's interior
Weeks 15–18	**Rocks, Landforms & Surface Processes** OAS ES.ESS2.1, ES.ESS2.5 · NGSS HS-ESS2-1, HS-ESS2-5	**Earth Systems Expedition**: Water and surface processes **Space & Earth Explorers**: Warm-up review: choose the 6th grade level

Quarter 3

Weeks	Unit and standards	Games and how to use them
Weeks 19–21	**Water Cycle & Weather** OAS ES.ESS2.5 · NGSS HS-ESS2-5	**Earth Systems Expedition**: Water and carbon cycles
Weeks 22–25	**Climate & Feedbacks** OAS ES.ESS2.2, ES.ESS2.4, ES.ESS2.6 · NGSS HS-ESS2-2, HS-ESS2-4, HS-ESS2-6	**Earth Systems Expedition**: Feedbacks and climate evidence **Data Lab**: Choose the 9–12 level: climate data trends **Climate Modeling and Atmospheric Science Lab** (lab, $8): Lab day: students run the virtual lab on Chromebooks, then discuss the results together
Weeks 26–27	**Natural Resources** OAS ES.ESS3.1–2 · NGSS HS-ESS3-1–2	**Earth Systems Expedition**: Resources topic

Quarter 4

Weeks	Unit and standards	Games and how to use them
Weeks 28–30	**Natural Hazards** OAS ES.ESS3.1 · NGSS HS-ESS3-1	**Earth Systems Expedition**: Hazards topic
Weeks 31–33	**Sustainability & Human Impact** OAS ES.ESS3.2–3, EN.ESS3.3–4 · NGSS HS-ESS3-3–6	**Earth Systems Expedition**: "Resources, hazards & sustainability" topic **Design Lab**: Choose the 9–12 level: evaluate a sustainability solution **Planet Protectors**: Warm-up review: choose the 6–8 level
Weeks 34–36	**Final Exam & ACT Science Review** OAS all Earth & Space Science · NGSS HS-ESS	**Star Story**: Review day: space **Earth Systems Expedition**: Review day: Earth systems **Turf Takeover: Earth & Space Science Review**: Test review: a team game over every standard for this course; also good for a quick review at the end of each quarter