



IXL Spring Spotlight skill plan

Math - 8th grade



Use IXL's interactive skill plan to get up-to-date skill alignments, assign skills to your students, and track progress.

www.ixl.com/math/skill-plans/ixl-spring-spotlight-grade-8

Days 1-5

Day	IXL skills
Day 1	<ol style="list-style-type: none">1. Estimate positive square roots XWJ2. Checkpoint: Approximate irrational numbers JHR
Day 2	<ol style="list-style-type: none">1. Understanding negative exponents YBB2. Checkpoint: Integer exponents GEJ
Day 3	<ol style="list-style-type: none">1. Solve equations using cube roots TQ52. Checkpoint: Square and cube roots UF5
Day 4	<ol style="list-style-type: none">1. Add and subtract numbers written in scientific notation HUR2. Checkpoint: Scientific notation D2U
Day 5	<ol style="list-style-type: none">1. Create equations with no solutions or infinitely many solutions 7TY2. Checkpoint: Solve linear equations BBZ

Days 6-10

Day	IXL skills
Day 6	<ol style="list-style-type: none">1. Write a linear equation from a graph WHM2. Checkpoint: Slope and linear equations S7V
Day 7	<ol style="list-style-type: none">1. Compare linear functions: tables, graphs, and equations N7D2. Checkpoint: Compare functions XQJ
Day 8	<ol style="list-style-type: none">1. Identify linear and nonlinear functions: tables VGS2. Checkpoint: Linear and nonlinear functions JKA
Day 9	<ol style="list-style-type: none">1. Write linear functions: word problems YK62. Checkpoint: Construct and interpret linear functions 3K7
Day 10	<ol style="list-style-type: none">1. Interpret points on the graph of a linear function 9E82. Checkpoint: Sketch and describe graphs K7A

Days 11-15

Day	IXL skills
Day 11	<ol style="list-style-type: none">1. Solve a system of equations using any method: word problems <small>VHE</small>2. Checkpoint: Systems of equations <small>MFL</small>
Day 12	<ol style="list-style-type: none">1. Identify trends with scatter plots <small>GZE</small>2. Checkpoint: Scatter plots <small>DDR</small>
Day 13	<ol style="list-style-type: none">1. Write equations for lines of best fit <small>ZQ6</small>2. Checkpoint: Lines of best fit <small>DEH</small>
Day 14	<ol style="list-style-type: none">1. Find probabilities using two-way frequency tables <small>CRV</small>2. Checkpoint: Two-way frequency tables <small>HJG</small>
Day 15	<ol style="list-style-type: none">1. Volume of cones <small>YJR</small>2. Checkpoint: Volume <small>9GB</small>

Days 16-20

Day	IXL skills
Day 16	<ol style="list-style-type: none">1. Transversals of parallel lines: find angle measures V992. Checkpoint: Triangles and transversals EPV
Day 17	<ol style="list-style-type: none">1. Describe a sequence of transformations XPK2. Checkpoint: Congruence transformations CCR
Day 18	<ol style="list-style-type: none">1. Dilations: find the coordinates UV92. Checkpoint: Transformations on the coordinate plane WPB
Day 19	<ol style="list-style-type: none">1. Converse of the Pythagorean theorem: is it a right triangle? EQZ2. Checkpoint: Pythagorean theorem and its converse 6GQ
Day 20	<ol style="list-style-type: none">1. Pythagorean theorem: word problems 87U2. Checkpoint: Applications of the Pythagorean theorem QWT