



# IXL Spring Spotlight skill plan

## Algebra 1



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-algebra-1](https://www.ixl.com/math/skill-plans/ixl-spring-spotlight-algebra-1)

## Days 1-5

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Box plots <small>YE9</small></li><li>2. Checkpoint: Line plots, histograms, and box plots <small>UVL</small></li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Identify an outlier and describe the effect of removing it <small>XGC</small></li><li>2. Checkpoint: Compare data sets <small>DJA</small></li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Find conditional probabilities using two-way frequency tables <small>BZZ</small></li><li>2. Checkpoint: Two-way frequency tables <small>5GL</small></li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Solve linear equations: complete the solution <small>EVP</small></li><li>2. Checkpoint: Solve linear equations and inequalities <small>VYL</small></li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Match correlation coefficients to scatter plots <small>FQ7</small></li><li>2. Checkpoint: Linear modeling <small>U7N</small></li></ol>

## Days 6-10

Day	IXL skills
<b>Day 6</b>	<ol style="list-style-type: none"><li>1. Solve a system of equations using any method <small>HLV</small></li><li>2. Checkpoint: Systems of equations and inequalities <small>LQW</small></li></ol>
<b>Day 7</b>	<ol style="list-style-type: none"><li>1. Solve a system of equations by graphing: word problems <small>BVB</small></li><li>2. Checkpoint: Represent constraints <small>2VV</small></li></ol>
<b>Day 8</b>	<ol style="list-style-type: none"><li>1. Interpret functions using everyday language <small>U98</small></li><li>2. Checkpoint: Function concepts <small>HWA</small></li></ol>
<b>Day 9</b>	<ol style="list-style-type: none"><li>1. Write variable expressions for geometric sequences <small>XPC</small></li><li>2. Checkpoint: Sequences <small>5W7</small></li></ol>
<b>Day 10</b>	<ol style="list-style-type: none"><li>1. Describe linear and exponential growth and decay <small>S7T</small></li><li>2. Checkpoint: Compare linear and exponential functions <small>KSL</small></li></ol>

# Days 11-15

Day	IXL skills
<b>Day 11</b>	<ol style="list-style-type: none"><li>1. Graph piecewise-defined functions 86G</li><li>2. Checkpoint: Graph and analyze functions ZKZ</li></ol>
<b>Day 12</b>	<ol style="list-style-type: none"><li>1. Compare linear functions: tables, graphs, and equations GD7</li><li>2. Checkpoint: Features of functions N7U</li></ol>
<b>Day 13</b>	<ol style="list-style-type: none"><li>1. Solve a system of linear and quadratic equations by graphing 9EE</li><li>2. Checkpoint: Solve equations using graphs and tables DV9</li></ol>
<b>Day 14</b>	<ol style="list-style-type: none"><li>1. Rate of change: tables PLA</li><li>2. Checkpoint: Average rate of change T79</li></ol>
<b>Day 15</b>	<ol style="list-style-type: none"><li>1. Describe function transformations ZRR</li><li>2. Checkpoint: Function transformations QKX</li></ol>

## Days 16-20

Day	IXL skills
<b>Day 16</b>	<ol style="list-style-type: none"><li>1. Multiply polynomials 58A</li><li>2. Checkpoint: Polynomial operations 2B7</li></ol>
<b>Day 17</b>	<ol style="list-style-type: none"><li>1. Simplify expressions involving rational exponents 89Q</li><li>2. Checkpoint: Radicals and rational exponents KTK</li></ol>
<b>Day 18</b>	<ol style="list-style-type: none"><li>1. Solve a quadratic equation by factoring CSS</li><li>2. Checkpoint: Write and interpret equivalent expressions YJJ</li></ol>
<b>Day 19</b>	<ol style="list-style-type: none"><li>1. Solve a quadratic equation using the quadratic formula XCF</li><li>2. Checkpoint: Quadratic equations NXG</li></ol>
<b>Day 20</b>	<ol style="list-style-type: none"><li>1. Rearrange multi-variable equations WSJ</li><li>2. Checkpoint: Problem solving with equations and inequalities QZQ</li></ol>