



# IXL Spring Spotlight skill plan

## Math - 6th 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-6th-grade](https://www.ixl.com/math/skill-plans/ixl-spring-spotlight-6th-grade)

# Week 1

## Comprehensive review

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Divide whole numbers - 3-digit divisors STW</li><li>2. Write a ratio: word problems SBQ</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Divide fractions and mixed numbers: word problems WAH</li><li>2. Ratio tables PPF</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Add, subtract, multiply, or divide two decimals P6W</li><li>2. Unit prices UKD</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Evaluate exponents XDA</li><li>2. Find the total given a part and a percent D6L</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Evaluate numerical expressions involving whole numbers MLU</li><li>2. Percents of numbers: word problems BBY</li></ol>

## Week 2

### Comprehensive review

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Greatest common factor AMB</li><li>2. Understanding opposite integers X8L</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Write variable expressions: two operations CX9</li><li>2. Absolute value and integers: word problems 9CW</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Identify equivalent expressions I KFG</li><li>2. Compare integers 4G6</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Write equivalent expressions using properties R8H</li><li>2. Graph points on a coordinate plane VHQ</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Evaluate variable expressions with decimals, fractions, and mixed numbers 49T</li><li>2. Distance between two points A7P</li></ol>

## Week 3

### Comprehensive review

Day	IXL skills
Day 1	<ol style="list-style-type: none"><li>1. Solve one-step equations: word problems BXY</li><li>2. Graph triangles and quadrilaterals E55</li></ol>
Day 2	<ol style="list-style-type: none"><li>1. Solutions to inequalities P9N</li><li>2. Area of quadrilaterals 27F</li></ol>
Day 3	<ol style="list-style-type: none"><li>1. Graph inequalities on number lines CXX</li><li>2. Area of compound figures with triangles 5V2</li></ol>
Day 4	<ol style="list-style-type: none"><li>1. Write a two-variable equation 2RE</li><li>2. Identify statistical questions PT7</li></ol>
Day 5	<ol style="list-style-type: none"><li>1. Identify the graph of an equation WN7</li><li>2. Interpret charts and graphs to find mean, median, mode, and range 2WK</li></ol>

# Week 4

## One-variable equations and inequalities

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Which <math>x</math> satisfies an equation? VG8</li><li>2. Model and solve equations using algebra tiles G6Z</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Write and solve equations that represent diagrams FSQ</li><li>2. Solve one-step equations with whole numbers WLR</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Solve one-step multiplication and division equations with decimals, fractions, and whole numbers T53</li><li>2. Solutions to inequalities P9N</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Write inequalities from number lines N99</li><li>2. Solve one-step inequalities KRH</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Graph solutions to one-step inequalities PPC</li><li>2. One-step inequalities: word problems N2A</li></ol>

# Week 5

## Two-variable equations

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Does <math>(x, y)</math> satisfy an equation? ELC</li><li>2. Identify independent and dependent variables 9UJ</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Find a value using two-variable equations 46Q</li><li>2. Solve word problems by finding two-variable equations UJQ</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Complete a table for a two-variable relationship TZB</li><li>2. Write a two-variable equation from a table ZTL</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Write a two-variable equation 2RE</li><li>2. Graph a two-variable equation TJA</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Interpret a graph: word problems KZD</li><li>2. Write an equation from a graph using a table BCM</li></ol>

# Week 6

## Geometry

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Area of triangles C8S</li><li>2. Area of parallelograms and trapezoids PKW</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Area between two rectangles EY6</li><li>2. Area of compound figures 76U</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Volume of cubes and rectangular prisms XHF</li><li>2. Volume of cubes and rectangular prisms: word problems BBM</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Nets of three-dimensional figures 8KP</li><li>2. Surface area of cubes and rectangular prisms RMG</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Surface area of triangular prisms UGR</li><li>2. Surface area of pyramids 5XW</li></ol>

# Week 7

## Data and statistics

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Identify statistical questions <a href="#">PT7</a></li><li>2. Calculate mean, median, mode, and range <a href="#">ZZK</a></li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Changes in mean, median, mode, and range <a href="#">2G9</a></li><li>2. Calculate mean absolute deviation <a href="#">JUV</a></li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Calculate quartiles and interquartile range <a href="#">MNV</a></li><li>2. Identify an outlier and describe the effect of removing it <a href="#">8Q5</a></li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Create and interpret line plots with fractions <a href="#">QZP</a></li><li>2. Interpret box-and-whisker plots <a href="#">E9F</a></li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Interpret histograms <a href="#">CBF</a></li><li>2. Create histograms <a href="#">7NG</a></li></ol>