



# IXL Spring Spotlight skill plan

## Math - 7th 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-7th-grade](https://www.ixl.com/math/skill-plans/ixl-spring-spotlight-7th-grade)

# Week 1

## Comprehensive review

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Add and subtract rational numbers <small>GPU</small></li><li>2. Multi-step word problems <small>JVU</small></li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Multiply and divide rational numbers <small>BXW</small></li><li>2. Identify equivalent linear expressions II <small>KAR</small></li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Evaluate numerical expressions involving decimals <small>FNM</small></li><li>2. Identify equivalent linear expressions: word problems <small>KWH</small></li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Evaluate numerical expressions involving fractions <small>XXQ</small></li><li>2. Solve two-step equations <small>QEB</small></li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Convert fractions or mixed numbers to decimals <small>M2D</small></li><li>2. Solve equations: word problems <small>D2Y</small></li></ol>

# Week 2

## Comprehensive review

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Calculate unit rates with fractions 57X</li><li>2. Solve equations: complete the solution 66R</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Identify proportional relationships by graphing AAN</li><li>2. Solve two-step inequalities XGQ</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Interpret graphs of proportional relationships RMH</li><li>2. Area of circles YA8</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Write equations for proportional relationships from tables 6GU</li><li>2. Find measures of complementary, supplementary, vertical, and adjacent angles CST</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Identify proportional relationships from tables 6V7</li><li>2. Identify representative, random, and biased samples 5V3</li></ol>

# Week 3

## Comprehensive review

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Scale drawings: word problems 84H</li><li>2. Estimate population size using proportions 3C9</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Percent of change BL7</li><li>2. Probability of simple events ZZB</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Multi-step problems with percents ZHX</li><li>2. Make predictions using experimental probability WP6</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Surface area of cubes and prisms RFP</li><li>2. Compound events: find the number of outcomes HZR</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Volume of cubes and prisms URT</li><li>2. Counting principle EKX</li></ol>

# Week 4

## Equations and inequalities

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Model and solve equations using algebra tiles EGK</li><li>2. Write and solve equations that represent diagrams FVH</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Solve one-step equations WKM</li><li>2. Solve two-step equations QEB</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Solve equations: word problems D2Y</li><li>2. Solve equations involving like terms VSW</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Solutions to inequalities 8BA</li><li>2. Solve one-step inequalities QWH</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. One-step inequalities: word problems 6HD</li><li>2. Graph solutions to two-step inequalities 6TT</li></ol>

# Week 5

## Percents

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Percents of numbers and money amounts 93K</li><li>2. Percents of numbers: word problems EXE</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Solve percent equations 67F</li><li>2. Solve percent equations: word problems JS6</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Percent of change: word problems 54S</li><li>2. Percent of a number: tax, discount, and more SPN</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Which is the better coupon? QT6</li><li>2. Find the percent: tax, discount, and more PBM</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Sale prices: find the original price BDA</li><li>2. Simple interest E7Y</li></ol>

# Week 6

## Geometry

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Identify complementary, supplementary, vertical, adjacent, and congruent angles HKG</li><li>2. Find measures of complementary, supplementary, vertical, and adjacent angles CST</li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Parts of a circle 2VL</li><li>2. Circles: word problems P56</li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Semicircles: calculate area, perimeter, radius, and diameter SMW</li><li>2. Area of compound figures with triangles MRG</li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Area of compound figures with triangles, semicircles, and quarter circles N97</li><li>2. Area between two shapes RKC</li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Area and perimeter: word problems JFR</li><li>2. Cross-sections of three-dimensional figures HFJ</li></ol>

# Week 7

## Data and statistics

Day	IXL skills
<b>Day 1</b>	<ol style="list-style-type: none"><li>1. Identify representative, random, and biased samples <a href="#">5V3</a></li><li>2. Interpret box-and-whisker plots <a href="#">SKN</a></li></ol>
<b>Day 2</b>	<ol style="list-style-type: none"><li>1. Probability of simple events and opposite events <a href="#">F88</a></li><li>2. Probability of mutually exclusive events and overlapping events <a href="#">8TP</a></li></ol>
<b>Day 3</b>	<ol style="list-style-type: none"><li>1. Experimental probability <a href="#">9AA</a></li><li>2. Make predictions using theoretical probability <a href="#">9UW</a></li></ol>
<b>Day 4</b>	<ol style="list-style-type: none"><li>1. Compound events: find the number of sums <a href="#">SCV</a></li><li>2. Probability of compound events <a href="#">YPQ</a></li></ol>
<b>Day 5</b>	<ol style="list-style-type: none"><li>1. Identify independent and dependent events <a href="#">9M6</a></li><li>2. Probability of independent and dependent events <a href="#">NED</a></li></ol>