

Dear Students,

This is a suggested schedule for students entering 7th Grade Math. In order to prepare for the course, we suggest that you spend an average of 60 minutes per week on mathwork. By the end of summer, students are required to complete each section with a **SmartScore of 85%**.

Each assignment has been selected based on our topics learned in sixth grade math. If you pace yourself and do a little bit each week (don't wait and do it all in one day or right before school begins), you should be able to get to each assignment.

Email Mrs. Bloch at [jbloch@communityday.org](mailto:jbloch@communityday.org) if you need anything.

### Rising Sixth Grade Updated 6/8/26

<p><b>Week 1</b></p> <p><u>Add and subtract decimal numbers</u></p> <p><u>Multiply decimals</u></p> <p><u>Divide whole numbers and unit fractions</u></p> <p><u>Divide fractions and mixed numbers<sup>4</sup></u></p> <p><u>Multiply mixed numbers: word problems</u></p> <p><u>Divide fractions and mixed numbers: word problems</u></p>	<ul style="list-style-type: none"><li>• <a href="https://www.ixl.com/math/grade-6/add-and-subtract-decimal-numbers">https://www.ixl.com/math/grade-6/add-and-subtract-decimal-numbers</a></li><li>• <a href="https://www.ixl.com/math/grade-6/multiply-decimals">https://www.ixl.com/math/grade-6/multiply-decimals</a></li><li>• <a href="https://www.ixl.com/math/grade-6/divide-whole-numbers-and-unit-fractions">https://www.ixl.com/math/grade-6/divide-whole-numbers-and-unit-fractions</a></li><li>• <a href="https://www.ixl.com/math/grade-6/divide-fractions-and-mixed-numbers">https://www.ixl.com/math/grade-6/divide-fractions-and-mixed-numbers</a></li><li>• <a href="https://www.ixl.com/math/grade-6/multiply-mixed-numbers-word-problems">https://www.ixl.com/math/grade-6/multiply-mixed-numbers-word-problems</a></li><li>• <a href="https://www.ixl.com/math/grade-6/divide-fractions-and-mixed-numbers-word-problems">https://www.ixl.com/math/grade-6/divide-fractions-and-mixed-numbers-word-problems</a></li></ul>
<p><b>Week 2</b></p> <p><u>Understanding integers</u></p> <p><u>Integers on number lines</u></p>	<ul style="list-style-type: none"><li>• <a href="https://www.ixl.com/math/grade-6/understanding-integers">https://www.ixl.com/math/grade-6/understanding-integers</a></li><li>• <a href="https://www.ixl.com/math/grade-6/integers-on-number-lines">https://www.ixl.com/math/grade-6/integers-on-number-lines</a></li></ul>

<p><u>Understanding absolute value</u></p> <p><u>Compare integers</u></p> <p><u>Add and subtract integers</u></p> <p><u>Multiply integers</u></p> <p><u>Divide integers</u></p>	<ul style="list-style-type: none"> <li>• <a href="https://www.ixl.com/math/grade-6/understanding-absolute-value">https://www.ixl.com/math/grade-6/understanding-absolute-value</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/compare-integers">https://www.ixl.com/math/grade-6/compare-integers</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/add-and-subtract-integers-find-the-sign">https://www.ixl.com/math/grade-6/add-and-subtract-integers-find-the-sign</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/multiply-integers">https://www.ixl.com/math/grade-6/multiply-integers</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/divide-integers">https://www.ixl.com/math/grade-6/divide-integers</a></li> </ul>
<p><b>Week 3</b></p> <p><u>Evaluate numerical expressions involving integers</u></p> <p><u>Greatest common factor</u></p> <p><u>Least common multiple</u></p> <p><u>Multi-step word problems</u></p> <p><u>Evaluate numerical expressions one step at a time</u></p> <p><u>Which x satisfies an equation?</u></p> <p><u>Write an equation from words</u></p> <p><u>Solve one-step equations with whole numbers</u></p>	<ul style="list-style-type: none"> <li>• <a href="https://www.ixl.com/math/grade-6/evaluate-numerical-expressions-involving-integers">https://www.ixl.com/math/grade-6/evaluate-numerical-expressions-involving-integers</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/greatest-common-factor">https://www.ixl.com/math/grade-6/greatest-common-factor</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/least-common-multiple">https://www.ixl.com/math/grade-6/least-common-multiple</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/multi-step-word-problems">https://www.ixl.com/math/grade-6/multi-step-word-problems</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/evaluate-whole-number-numerical-expressions-one-step-at-a-time">https://www.ixl.com/math/grade-6/evaluate-whole-number-numerical-expressions-one-step-at-a-time</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/which-x-satisfies-an-equation">https://www.ixl.com/math/grade-6/which-x-satisfies-an-equation</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/write-an-equation-from-words">https://www.ixl.com/math/grade-6/write-an-equation-from-words</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/solve-one-step-equations-with-whole-numbers">https://www.ixl.com/math/grade-6/solve-one-step-equations-with-whole-numbers</a></li> </ul>

<p><b>Week 4</b></p> <p><u>Properties of addition</u></p> <p><u>Properties of multiplication</u></p> <p><u>Multiply using the distributive property</u></p> <p><u>Identify equivalent expressions</u></p> <p><u>Solutions to inequalities</u></p>	<ul style="list-style-type: none"> <li>• <a href="https://www.ixl.com/math/grade-6/properties-of-addition">https://www.ixl.com/math/grade-6/properties-of-addition</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/properties-of-multiplication">https://www.ixl.com/math/grade-6/properties-of-multiplication</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/multiply-using-the-distributive-property">https://www.ixl.com/math/grade-6/multiply-using-the-distributive-property</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/identify-equivalent-expressions">https://www.ixl.com/math/grade-6/identify-equivalent-expressions</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/solutions-to-inequalities">https://www.ixl.com/math/grade-6/solutions-to-inequalities</a></li> </ul>
<p><b>Week 5</b></p> <p><u>Write a part-to-part ratio</u></p> <p><u>Which model represents the ratio?</u></p> <p><u>Identify equivalent ratios</u></p> <p><u>Unit rates</u></p> <p><u>Calculate speed, distance, or time: word problems</u></p> <p><u>Ratios and rates: word problems</u></p> <p><u>Do the ratios form a proportion?</u></p>	<ul style="list-style-type: none"> <li>• <a href="https://www.ixl.com/math/grade-6/write-a-part-to-part-ratio">https://www.ixl.com/math/grade-6/write-a-part-to-part-ratio</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/which-model-represents-the-ratio">https://www.ixl.com/math/grade-6/which-model-represents-the-ratio</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/identify-equivalent-ratios">https://www.ixl.com/math/grade-6/identify-equivalent-ratios</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/unit-rates">https://www.ixl.com/math/grade-6/unit-rates</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/calculate-speed-distance-or-time-word-problems">https://www.ixl.com/math/grade-6/calculate-speed-distance-or-time-word-problems</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/ratios-and-rates-word-problems">https://www.ixl.com/math/grade-6/ratios-and-rates-word-problems</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/do-the-ratios-form-a-proportion">https://www.ixl.com/math/grade-6/do-the-ratios-form-a-proportion</a></li> </ul>
<p><b>Week 6</b></p> <p><u>Convert between percents and fractions</u></p>	<ul style="list-style-type: none"> <li>• <a href="https://www.ixl.com/math/grade-6/convert-between-whole-number-percents">https://www.ixl.com/math/grade-6/convert-between-whole-number-percents</a></li> </ul>

Convert between percents, fractions, and decimals

Solve percent problems

Percents of numbers: word problems

Percents of numbers and money amounts

## **Week 7**

Describe the coordinate plane

Objects on a coordinate plane

Graph points on a coordinate plane

Perimeter

Area of rectangles and squares

Understanding area of a parallelogram

Understanding area of a triangle

Area of compound figures

and-fractions

- <https://www.ixl.com/math/grade-6/convert-between-percents-fractions-and-decimals>
- <https://www.ixl.com/math/grade-6/solve-percent-problems>
- <https://www.ixl.com/math/grade-6/percent-of-numbers-word-problems>
- <https://www.ixl.com/math/grade-6/percent-of-numbers-and-money-amounts>
- <https://www.ixl.com/math/grade-6/describe-the-coordinate-plane>
- <https://www.ixl.com/math/grade-6/objects-on-a-coordinate-plane>
- <https://www.ixl.com/math/grade-6/graph-points-on-a-coordinate-plane>
- <https://www.ixl.com/math/grade-6/perimeter>
- <https://www.ixl.com/math/grade-6/area-of-rectangles-and-squares>
- <https://www.ixl.com/math/grade-6/understanding-area-of-a-parallelogram>
- <https://www.ixl.com/math/grade-6/understanding-area-of-a-triangle>
- <https://www.ixl.com/math/grade-6/area-of-compound-figures>

<p><u>Volume of cubes and rectangular prisms</u></p> <p><u>Surface area of cubes and rectangular prisms</u></p>	<ul style="list-style-type: none"> <li>• <a href="https://www.ixl.com/math/grade-6/volume-of-cubes-and-rectangular-prisms">https://www.ixl.com/math/grade-6/volume-of-cubes-and-rectangular-prisms</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/surface-area-of-cubes-and-rectangular-prisms">https://www.ixl.com/math/grade-6/surface-area-of-cubes-and-rectangular-prisms</a></li> </ul>
<p><b>Week 8</b></p> <p><u>Create line plots</u></p> <p><u>Create frequency tables</u></p> <p><u>Create histograms</u></p> <p><u>Identify statistical questions</u></p> <p><u>Calculate mean, median, mode, and range</u></p> <p><u>Identify an outlier</u></p>	<ul style="list-style-type: none"> <li>• <a href="https://www.ixl.com/math/grade-6/create-line-plots">https://www.ixl.com/math/grade-6/create-line-plots</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/create-frequency-tables">https://www.ixl.com/math/grade-6/create-frequency-tables</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/create-histograms">https://www.ixl.com/math/grade-6/create-histograms</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/identify-statistical-questions">https://www.ixl.com/math/grade-6/identify-statistical-questions</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/calculate-mean-median-mode-and-range">https://www.ixl.com/math/grade-6/calculate-mean-median-mode-and-range</a></li> <li>• <a href="https://www.ixl.com/math/grade-6/identify-an-outlier">https://www.ixl.com/math/grade-6/identify-an-outlier</a></li> </ul>
<p><b>You got this!!!! Many of the links will go quick.</b></p>	<p><b>Seventh Grade, here I come...</b></p>