



# IXL Skill Plan for the Arkansas Teaching and Learning Assessment System

## Math 2nd 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/arkansas-teaching-and-learning-assessment-system-grade-2](http://www.ixl.com/math/skill-plans/arkansas-teaching-and-learning-assessment-system-grade-2)

This document includes IXL skill alignments to the Arkansas Teaching and Learning Assessment System. IXL provides skill alignments as a service to teachers, students, and parents. The skill alignments are not affiliated with, sponsored by, or endorsed by Arkansas Department of Education. IXL and IXL Learning are registered trademarks of IXL Learning, Inc. All other trademarks and registered trademarks and copyrights are the property of their respective owners.

# Number & Place Value

Standard	IXL skills
Counting	<ol style="list-style-type: none"><li>Count up or down by ones, tens, and hundreds <small>M5A</small></li></ol>
Place Value	<ol style="list-style-type: none"><li>Writing numbers up to 1,000 in words <small>2R7</small></li><li>Value of a digit - up to hundreds <small>BDF</small></li><li>Convert between place values - ones and hundreds <small>9T6</small></li><li>Convert from expanded form - up to hundreds <small>LG5</small></li><li>Input/output tables - add and subtract by 10 or 100 <small>6XK</small></li></ol>
Comparison	<ol style="list-style-type: none"><li>Comparing numbers up to 1,000 <small>XF9</small></li></ol>
Fraction Foundations	<ol style="list-style-type: none"><li>Identify halves, thirds, and fourths <small>24W</small></li><li>Make halves, thirds, and fourths in different ways <small>6SG</small></li></ol>

# Computation & Algebraic Reasoning

Standard	IXL skills
<p>Operations &amp; Properties</p>	<p><b>Add and subtract within 20</b></p> <ol style="list-style-type: none"> <li>Addition and subtraction - up to 20 QQP</li> </ol> <p><b>Add and subtract within 100</b></p> <ol style="list-style-type: none"> <li>Use number lines to add two-digit numbers HBW</li> <li>Add four numbers up to two digits each DP6</li> <li>Use number lines to subtract two-digit numbers BA7</li> <li>Add and subtract numbers - up to 100 JDT</li> </ol> <p><b>Add and subtract within 1,000</b></p> <ol style="list-style-type: none"> <li>Use expanded form to add three-digit numbers - without regrouping 2G7</li> <li>Use models to subtract from three-digit numbers - with regrouping GHQ</li> <li>Add and subtract numbers up to 1,000 WXQ</li> </ol> <p><b>Repeated addition</b></p> <ol style="list-style-type: none"> <li>Write addition sentences for arrays - sums to 25 W8T</li> </ol>
<p>Problem Solving</p>	<ol style="list-style-type: none"> <li>Match word problems to addition and subtraction sentences - up to 20 ZCU</li> <li>Addition and subtraction word problems - up to 100 MEP</li> <li>Two-step addition and subtraction word problems - up to 100 7P8</li> </ol>
<p>Algebraic Concepts</p>	<ol style="list-style-type: none"> <li>Even or odd number of shapes - up to 20 54Z</li> <li>Addition sentences for even and odd numbers 7PR</li> </ol>

# Geometry & Measurement and Data Analysis

## Geometry & Measurement

Standard	IXL skills
Shapes	<ol style="list-style-type: none"> <li>1. Name polygons: up to 6 sides HUA</li> <li>2. Draw polygons H2L</li> <li>3. Cubes K6N</li> <li>4. Count vertices, edges, and faces X72</li> </ol>
Length & Width	<p><b>Customary units</b></p> <ol style="list-style-type: none"> <li>1. Choose the best measuring tool: customary units of length 8SB</li> <li>2. Measure with different customary units: inches, feet, and yards 5VA</li> <li>3. Customary units of length: word problems GSF</li> </ol> <p><b>Metric units</b></p> <ol style="list-style-type: none"> <li>4. Measure using a centimeter ruler 7WA</li> <li>5. Measure to compare length in centimeters YRD</li> </ol>
Perimeter, Area, & Volume	<ol style="list-style-type: none"> <li>1. Perimeter: word problems EL7</li> <li>2. Tile a rectangle with squares 2VD</li> </ol>
Time & Money	<p><b>Time</b></p> <ol style="list-style-type: none"> <li>1. Read clocks and write times K7F</li> <li>2. A.M. or P.M. EJV</li> <li>3. Relate time units UAS</li> <li>4. Elapsed time word problems: find the end time UDE</li> </ol> <p><b>Money</b></p> <ol style="list-style-type: none"> <li>5. Count money up to \$1 DGK</li> <li>6. Add and subtract money up to \$1: word problems N5Y</li> </ol>

## Data Analysis

Standard	IXL skills
Charts, Graphs, & Tables	<ol style="list-style-type: none"><li data-bbox="850 352 1192 386">1. Create bar graphs 6KD</li><li data-bbox="850 403 1170 436">2. Create line plots F2U</li><li data-bbox="850 453 1328 487">3. Interpret data: mixed review 6J8</li></ol>

---