



ABCMouse and the Common Core State Standards for Math, Grade 2

ABCMouse.com® *Early Learning Academy* is a supplementary curriculum resource that offers more than 10,000 individual Learning Activities—books, songs, games, animations, puzzles, art activities, and printables—each thoughtfully and creatively designed to be developmentally appropriate and highly engaging for young learners. This table presents just a few examples of ABCmouse activities that support the Grade 2 Common Core State Standards for Math.

Common Core Math Standards for Grade 2	Operations & Algebraic Thinking	Numbers & Operations Base Ten
	ABCMouse Curriculum	<ul style="list-style-type: none"> • Represent and solve problems involving addition and subtraction. • Add and subtract within 20. • Work with equal groups of objects to gain foundations for multiplication.
<p>ABCMouse’s second grade math curriculum provides many activities that allow students to represent and solve addition and subtraction problems within 20. The curriculum also provides practice in identifying even and odd numbers and using repeated addition in arrays.</p> <p>Additionally, ABCmouse offers a variety of activities that allow students to continue to practice solving addition and subtraction word problems within 20 using different strategies.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Read to Me’s</p> <ul style="list-style-type: none"> • Odd and Even Night at the Math City Circus • How Many Flags? <p>Animations</p> <ul style="list-style-type: none"> • Crack the Code: Solving Word Problems with Pictures • Ivan and Izzy: Odd and Even Numbers • Chef Louie and Bobo: Addition with Arrays • Professor Squirrel & Nutly: Two-Step Word Problems • Number Scouts: Two-Step Word Problems </div> <div style="width: 45%;"> <p>Games</p> <ul style="list-style-type: none"> • Cupcake Addition • Trampoline Park Numbers • Fact Family Fishing • Halley’s Number Stories • Number Scouts Word Problems • Suitcase Word Problems • Prospector Paul’s Campfire Cooking <p>Art Activities and Printables</p> <ul style="list-style-type: none"> • Matching Printable: Arrays • Write and Draw: Create a Word Problem <p>... and much more!</p> </div> </div>		<p>The ABCmouse math curriculum includes many ways that children can develop number sense. Hundreds of activities encourage understanding of the count sequence 1 to 120 and the relationship of numerals to quantities. Additionally, ABCmouse activities allow students to represent and compare numbers up to two digits, as well as practice adding and subtracting numbers based on understanding of place value.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Books and Read to Me’s</p> <ul style="list-style-type: none"> • Apples, Apples, and More Apples! • Peter the Pirate Finds Treasure by Tens • Alice’s Monsters: Number Sentence Signs <p>Animations</p> <ul style="list-style-type: none"> • Counting by Tens with Marbles • Shawna: Three-Digit Numbers • Ivan and Izzy: Subtracting Three-Digit Numbers • Crack the Code: Adding Mentally • Happy Harrison: What’s Your Number? </div> <div style="width: 45%;"> <p>Games and Puzzles</p> <ul style="list-style-type: none"> • Lily Pad Skip Counting • Murphy’s Math Surprise • Nest Egg Math • Bubble Subtraction • Moon Base Number Defense • Monster Math Fruit Snacks • Hundreds, Tens, and Ones Cutout Puzzle • Complete the Number Sentences Cutout Puzzle <p>Art Activities and Printables</p> <ul style="list-style-type: none"> • Dot-to-Dot by Fives: Carla • Math Riddle Printable: Adding Three-Digit Numbers <p>... and much more!</p> </div> </div>

Measurement & Data

- Measure and estimate lengths in standard units.
- Relate addition and subtraction to length.
- Work with time and money.
- Represent and interpret data.

ABCMouse includes many activities that involve constructing and interpreting the data in pictographs and bar graphs.

Additionally, ABCmouse measurement activities challenge students to measure using both standard and nonstandard units and to practice telling time using both digital and analog clocks.

Read to Me's

- The Potluck Plan
- Time for Pie!
- Shawna's Measure Hunt

Animations

- Alice's Monsters:
- Meters and Centimeters
- Number Scouts: Line Graphs
- Marvin: Solving Math Problems with Money
- Measure This

Games

- Bug Bar Graph
- Carnival Measuring Game
- Birthday Shopping
- Murphy's Graph-O-Tron 600
- Ivan's Time Machine

Puzzles

- Let's Measure! Cutout Puzzle
- How Much Money? Cutout Puzzle
- Cutout Puzzle: Telling Time

Art Activities and Printables

- Create a Line Graph Printable
- Write and Color: Word Problems with the Scouts
- Estimating Lengths Printable:
- Inches and Feet

... and much more!

Geometry

- Reason with shapes and their attributes.

ABCMouse includes dozens of activities related to identifying, composing, and partitioning 2D and 3D shapes. One character in particular (Shawna the Shapehunter) appears in many activities, encouraging students to recognize shapes by examining their attributes.

Read to Me Activities

- 2D and 3D Shapes with Shawna
- Shawna Spots Shapes and Angles

Animations

- Ivan: Shapes and Angles
- Shape Creator: 2D to 3D Shapes
- Crack the Code: 3D Shapes
- Shape Creator: 2D to 3D Shapes

Games

- Crack the Code: 3D Shapes
- Ivan's Go-Kart Builder
- Shawna's 3D Paper Shapes
- Crack the Code: 3D Shapes
- Spider Web Shapes

Puzzles

- Make a Doghouse with Ivan Cutout Puzzle
- Make a Pyramid with Ivan Cutout Puzzle
- Make a Rectangular
- Prism with Ivan Cutout Puzzle

Art Activities

- Find It Painting Page: 3D Shapes
- Draw It: Fun with Shapes
- Draw It: Pentagon

Printables

- Crossword Printable: 3D Shapes
- Crossword Printable: Shapes

... and much more