At Home Summer Math Practice

Second Grade

Below are some options for parents to do at home for students just finishing second grade. All of these materials are from resources available to parents from The Math Learning Center and Bridges in Mathematics. These specific Math at Home activities as well as digital Work Place games focus on critical content for second grade. They are taken from the Bridges Summer Guidance Documents and adjusted for family use to provide extended practice at home over the summer.

Suggested Bridges Materials

Math at Home

Families can use Math at Home activities as a fun way to talk about math and reinforce math learning from the school year. Resources include printable pages and sample responses for reference for most activities.

Work Places

Work Place activities engage students in practice with key skills from second grade. These games can be played with a family member through the digital option or independently.

Critical Content	Math at Home	Work Places
Understanding Place Value	How Many Are Hidden? ● Packages of Presents ● More Packages of Presents Same & Different ● Adding Hundreds, Tens & Ones ● Counting Collections ● Comparing Numbers ● Adding Hundreds, Tens & Ones # 2 Guess My Rule ● Representation Rule ● Exploring Digits What Comes Next? ● More or Less ● Dazzling Digits ● Number Pieces Which One Doesn't Belong? ● Base Ten Pieces ● Greater Than & Less Than ● Addition Mission ● Base Ten Riddles	2E Steps & Leaps 3A Star Power 3D Base Ten Triple Spin 5A Jump-A-Ten 5E Jump-A-Hundred 7E The Gardener's Friend Game 8A Sum It Up 8B Roll & Subtract One Thousand
Building Fluency with Addition &	What Comes Next? ● Really Rad Robots (addition)	1G Make theSum 2B The Subtraction Wheel

Subtraction	● Colorful Cubes (addition) ● Cube Trains ● Kids on the Bus Today's Number ● 17 ● 36 ● 102 Math in Our World ● A Soapy Situation ● Block Towers ● Our Dog, Sister ● Jimmy's Ramp How Many Are Hidden? ● Beans in the Basket ● Beetles ● Boxes of Markers ● Cube Trains ● Buttons in a Bag Would You Rather? ● Baskets of Blocks ● Puzzled Over Puzzles ● Leaps & Bounds ● Scoreboard Strategy ● Bonkers for Books Same & Different ● Which Number Is Missing? ● Unknown Number	2D Pick Two, Roll & Subtract 3E Target Twenty 4D Climb the Beanstalk
Measuring & Estimating Length	Guess My Rule ● Inches, Feet & Yards Same & Different ● How Tall Are They? ● Measuring Shoes ● Picnic Paths Math in Our World ● Fairy House ● Skateboarding Which One Doesn't Belong? ● Measuring Pencils ● Jack's Colorful Beans ● Measuring Critters Would You Rather? ● Head to Tail Whale ● Arms & Legs	
Describing & Analyzing Shapes	Guess My Rule ● Folding Shapes Math in Our World ● Collage Home	6A Last Shape Wins 6B Find the Area 6C Make the Area 6D Fill For Less

	● Spring Garden ● Blanket Squares Same & Different ● Pizza Party ● Colorful Cubes ● Rainbow Arrays What Comes Next? ● Shapes in a Line Which One Doesn't Belong? ● Colorful Parts ● Parts of a Whole Would You Rather? ● Sandcastle Buckets	6E Halves & Half-Nots

Math Flips

Math Flips are flashcards with a problem on the front and a similar problem on the back (instead of a problem and an answer) to encourage relational thinking rather than answer-getting. These math flips target students' fluency in addition, subtraction, multiplication and division as well as their understanding of properties of operations.
Instructions on how to use them are included in the first page.

Addition and Subtraction:

Subitizing and Plus-Minus 1	Addition within 20	Addition within 100	Subtraction within 20 and 100
Subitizing Flashcards Plus and Minus 1 within 10	Count On within 10 Count On within 20 Doubles and Near Doubles Combinations of 10 Teen Numbers Make 10 with 3 Addends Make 10 with 2 Addends	Plus and Minus 10 and 1 with 2 Digit Numbers 2 Digit Plus 1 Digit 2 Digit Plus Multiples of 10 2 Digit Plus 2 Digit	Subtraction within 10 Subtraction within 15 Subtraction within 20 Subtraction within 100

Multiplication and Division:

Multiplication: Single Digit	Multiplication: Multi-Digit	Division
2s, 5s, and 10s with Commutative Property Doubling with 4s, 6s, 8s Friendly Numbers with 3s and 6s Friendly Numbers with 4s and 9s Hardest Facts	1 Digit by Multiple of 10 1 Digit by 2 Digit Partial Products 1 Digit by 2 Digit Over and Subtract 1 Digit by 2 Digit 5 is Half of Ten 1 Digit by 2 Digit Factoring	Division within 100