

Hello 3rd Grader!

These are the directions for you to work on math at home. Please use this checklist as a guideline for math. These activities compliment what would have been completed during in school sessions. All of the page numbers below are found in the Home Connections Workbook

Unit 6 - Geometry

<p>In Unit 6, students develop increasingly precise ways to describe, classify, and make generalizations about two-dimensional shapes, particularly quadrilaterals. In Module 1, students explore polygons in a variety of creative ways. In Module 2, they form polygons and special quadrilaterals to build understanding that shared attributes can define a larger category. Module 3 combines geometry and measurement as students measure the perimeters and areas of polygons. Module 4 offers students opportunities to apply what they've learned about quadrilaterals and area in the context of fractions.</p>		
✓	Pages	Activity/Description
March 2-6		
	101-102	Triangles & Two-Digit Addition Review
	103-104	Triangles
March 9-13		
	105-106	More Polygons & Time
	107-108	Sorting & Identifying Quadrilaterals
	109-110	Quadrilateral Matchup
March 16-20		
	111-112	Perimeter Problems
	113-114	Sandbox & Garden Problems
	115-116	Area & Perimeter Puzzles
March 23-27		
	117-118	Unit 6 Review
	119-120	Patchwork Fractions & Story Problems

Unit 7 - Extending Multiplication & Fractions

<p>Unit 7 provides a review of material covered earlier in the year, as well as opportunities to extend skills and concepts into work with larger numbers and bigger ideas. Early in the unit, students learn to multiply single digits by multiples of 10. That skill is then extended into building and sketching 1-digit by 2-digit multiplication combinations. Working with multiplication beyond the basic facts provides rich opportunities to review the commutative and distributive properties and tap into the power of the associative property of multiplication. Having worked previously with fractions as parts of a whole and distances along a number line, students are introduced to linear and area models that allow them to see fractions as parts of a set as well as a parts of a whole. These models include a ruler, an egg carton, a 12-foot strip of adding machine tape, and a circle graph. The unit ends with a foray into data collection, representation, and interpretation, foreshadowing the work with measurement and data students will do in Unit 8.</p>		
✓	Pages	Activity/Description
March 30-April 3		
	121-122	Operations & Equations

	123-125	Multiplying by Elevens and Twelves
April 6-10		
	127-128	Multiplication, Division & Perimeter Practice
	129-130	More Multiplication Review
April 20-24		
	131-132	Hours to Minutes
	133-134	Telling Time to the Minute
	135-136	Division & Fractions
April 20-24		
	137-138	Quadrilaterals & Fractions
	139-140	More True and False Challenges

Unit 8 - Measurement, Data & Multi-Digit Computation with Marble Rolls

In the final unit of the year, students learn about different kinds of bridges by reading nonfiction, looking at pictures, doing research, and building their own model bridges. This unit integrates mathematics and science with a primary focus on designing and building model bridges, which are then tested in systematic ways to collect data. Students graph and analyze the data, finding the range and mean, to make conjectures and draw conclusions about effective bridge design and construction.

✓	Pages	Activity/Description
April 27-May 1		
	141-142	Looking for Bridges
	143-144	Comparing Mass
May 4-8		
	145-148	Finding Area & Perimeter
	149-150	Measuring Scavenger Hunt
	151-152	Dividing Shapes into Triangles
May 11-15		
	153-154	Dress Rehearsal
	155-156	Garden Shop
	157-158	Most & Least Fractions
May 18-22		
	159-160	Bridges Patterns

