

Hello 1st 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 - Figure the Penguin Facts

Unit 6 is tightly focused on addition and subtraction to 20. During this unit, first graders continue to develop fluency with addition and subtraction facts to 10 and strategies for working with facts to 20. Students make extensive use of the number rack to model and solve number combinations and story problems of all types. In the process, they learn how to write and solve equations that involve unknowns in all positions and determine whether addition and subtraction equations are true or false. Throughout the unit, the interesting and sometimes amazing habits of penguins offer engaging story problem contexts for young learners.		
✓	Pages	Activity/Description
March 2-6		
	87-88	Figure the Facts with Penguins
	89-90	Facts & Fish
March 9-13		
	91-92	Double-Dot Cards for Eleven & Twelve
	93-94	Combinations & Story Problems
March 16-20		
	95-96	Penguin Problem Solving
	97-98	Equations & Fact Practice
March 23-27		
	99-100	Penguins & Fact Practice
	101-102	Skip Counting by Twos & Threes

Unit 7 - One Hundred & Beyond

The focus of Unit 7 is place value. During this unit, first graders continue to develop deep understandings of numbers to 120 as they estimate, count, compare, add, and subtract two-digit quantities using familiar models: sticks & bundles; dimes, nickels, and pennies; and the number line.		
✓	Pages	Activity/Description
March 30-April 3		
	103-105	Fifty or Bust!
	107-108	Solving Problems
April 6-10		

	109-110	Counting More Pebbles Along the Path
	111-112	Paths & Fives Practice
April 13-17		
	113-114	Dots, Patterns, Blocks, & Apples
	115-116	Path Practice
April 20-24		
	117-118	Coins & Clocks
	119-120	Coins & More Coins

Unit 8 - Changes, Changes

During Unit 8, students consider the concept of change from several different angles. The activities in Module 1 help first graders make the link between time and change as they investigate some of the changes they can make to materials such as paper, craft sticks, and ice cubes in a second, a minute, and an hour. In Module 2, they explore predictable changes in numbers, using a very simple function machine made of a half-gallon milk carton and specially designed sets of change cards. In Module 3, students consider changes in location as they learn to fold and launch paper gliders through the air. After making and testing an initial set of gliders, students modify their original gliders or fold new ones in the attempt to better their flight distances. In Module 4, they explore some of the ways they've grown and changed since they were born. All in all, Unit 8 offers a satisfying end to the school year, blending math and science in ways sure to engage young learners.

✓	Pages	Activity/Description
April 27-May 1		
	121-123	Race You to 25¢
	124-126	Danny's School Day
May 4-8		
	127-128	Facts & Questions
May 11-15		
	129-130	My, How We've Grown
	131	My Timeline
May 18-22		
	133-134	Glider Flights & Clocks