



GRADE 1 MATHEMATICS–Unit 3

Dear Parents,

Here is what your child is learning in Grade 1, Unit 3 along with some specific ways you can help. Look for additional newsletters for upcoming units.

NUMBER RELATIONSHIPS AND COMPUTATION

Students need to:

- Master addition and subtraction facts with sums through 10.

Examples:

1. The student completes addition and subtraction basic facts problems.
 - a. $5 + 2 = \underline{\quad}$
 - b. $9 - 3 = \underline{\quad}$

Sample response:

- a. 7
- b. 6

2. Given 3 related fact family numbers such as 4, 9, and 5, the student is asked to write the 4 facts.

Sample response:

- $4 + 5 = 9, 5 + 4 = 9, 9 - 4 = 5, 9 - 5 = 4$

STATISTICS

Students need to:

- Gather and organize data using tallies, bar graphs, and pictographs.
- Interpret data from bar graphs and pictographs.

Example:

Given a set of 3 different kinds of pets, students count the number of each kind of pet. Students fill in the bars on a blank bar graph to show the number of each kind of pet. Students compare the number of each kind of animal in terms of most and least.

For additional activities, visit www.ed.gov/pubs/parents/Math.

WAYS PARENTS CAN HELP

- While shopping ask your child questions such as, “We have 2 apples and we need five. How many more do we need to buy?”
- Show your child 5 objects, add 2 more and ask your child, “How many are there now?”. Show your child 5 objects, take 2 away and ask your child, “How many are there now?”. Repeat with sums through 10.
- Organize data using tallies with your child. Count the number of spoons, forks, and knives (up to 11) in your home. Record using tally marks.
- With your child make a bar graph or a pictograph of the silverware data above. Discuss with your child what the data on the graph shows.

Examples of a tally chart and a pictograph are shown below.

Sample Tally Chart:

Shirts	Tally
red	
yellow	
blue	

Sample Pictograph:

Shirts	
red	☺ ☺ ☺ ☺ ☺ ☺
yellow	☺ ☺
blue	☺ ☺ ☺

☺ = 1 shirt