

Dear Parents,

Here is what your child is learning in Grade 2, Unit 4 along with some specific ways you can help. Look for additional newsletters for upcoming units.

NUMBER RELATIONSHIPS AND COMPUTATION

Students need to:

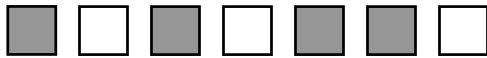
- Model and write numerals for fractional parts of regions and sets.

Examples:

1. Write a fraction that represents the shaded part of the region.



2. Write a fraction that represents the shaded part of the set.



Sample responses:

1. $\frac{2}{3}$

2. $\frac{4}{7}$

MEASUREMENT

Students need to:

- Identify and describe measurable attributes including area, volume, and temperature.
- Estimate and measure length, weight, temperature, time, and capacity.
- Solve problems using nonstandard and standard measurement units and concepts.

Solve problems using nonstandard and standard measurement units and concepts.

1. Look at the picture of the glass of milk.



Use words or pictures to describe two different attributes of this glass of milk that you could measure.

Sample response:

I could measure how much milk is in the glass and the height of the glass.

2. Use a centimeter ruler to measure the length of the crayon below.



Sample response:

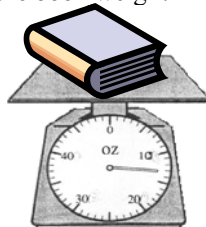
10 centimeters or 10 cm

3. Estimate the temperature shown on a thermometer.

Sample response:

Student's estimate is reasonable for temperature on the thermometer.

4. Look at the scale. About how much does the book weigh?



Sample response:

The book weighs about 13 ounces.

WAYS PARENTS CAN HELP

- Give your child several sheets of paper to fold into halves, fourths, or eighths. Label each part with the fraction symbol ($\frac{1}{2}, \frac{1}{4}, \frac{1}{8}$).
- Show your child a tape measure, yardstick, ruler, measuring cup, clock, calendar, or a scale. Discuss what the tool is used to measure. For example, a tape measure measures length.



- Give your child a jar and an 8 oz. measuring cup. Ask your child to estimate how many cups of water it will take to fill the jar. Keep track of the cups as he/she fills the jar. Compare the estimate to the actual amount.
- Lie on the floor so your child can measure you from head to toe using straws of equal length. Measure other people. Make a chart and compare the heights. Ask, "Who is taller? Who is shorter? How much taller? Explain how you decided on the difference." At a later time, standard measuring tools, such as a centimeter ruler, can be used for this activity.

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