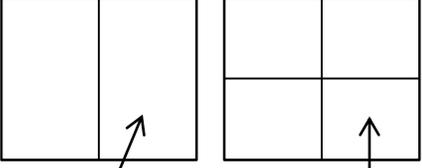# First Grade Mathematics Newsletter
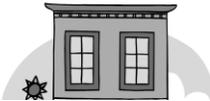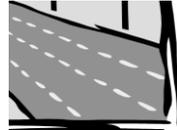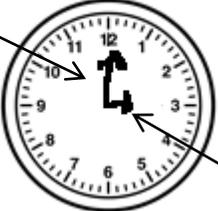Marking Period 4, Part 2

MT	Learning Goals by Measurement Topic (MT) Students will be able to . . .
Geometry	- partition (divide a whole into equal parts) circles and rectangles into two and four equal shares (parts). - describe the relationship between the number and size of shares created. "One half of the rectangle is a bigger share than one quarter of the rectangle. When a shape is partitioned into more shares, the shares become smaller." each share is called a half each share is called a fourth or quarter
Measurement and Data	- explain the importance of telling time and how it relates to everyday life. - tell time on analog and digital clocks to the nearest hour and half-hour. - model time on analog clocks. Analog clock Digital clock

Thinking and Academic Success Skills (TASS)

	It is . . .	In mathematics, students will . . .
Originality	creating ideas and solutions that are novel or unique to the individual, group, or situation.	- partition the same shape in multiple ways to represent halves and fourths. - transform equal shares into a new shape. original shape partitioned into two equal shares equal shares transformed into a new shape
Metacognition	knowing and being aware of one's own thinking and having the ability to monitor and evaluate one's own thinking.	- describe thinking process for partitioning shapes in original ways. - explain the thinking process used when telling and modeling time. - seek help when needed and change strategies to tell time.

First Grade Mathematics Newsletter

Marking Period 4, Part 2

	Learning Experiences by Measurement Topic (MT)		
MT	*In school, your child will . . .*		*At home, your child can . . .*
Geometry	• fold and cut paper shapes into equal parts. • describe shares of circles and rectangles using the words "halves," "fourths," and "quarters". • use the phrases "half of," "a fourth of," and "a quarter of" to describe the whole by the number of shares. • sort partitioned circles and rectangles into categories of equal shares and shares that are not equal. equal shares → ☐☐ unequal shares → ☐☐		• go on a partition mission! Find real world objects that are partitioned into equal parts. Examples include window panes, road ways, dressers, pizza, and sandwiches. • help with laundry! Fold towels into halves and quarters. Discuss the change in shape and size of the towel. • use a website to practice partitioning shapes: http://nlvm.usu.edu/en/nav/frames_asid_277_g_1_t_3.html?open=activities&from=topic_t_3.html
Measurement and Data	• engage in class discussions about the importance of telling time. • locate the numerals on a clock. • model and tell time on analog clocks to the nearest hour and half hour. • write and match times on analog and digital clocks. minute hand hour hand 3:00		• create an original schedule for a perfect day. Draw clocks to show the times for each event. • write and illustrate an original story about a town where time doesn't exist. Share the story with family members! • draw a clock to show a time that represents a favorite time of day. Share the clock with family members and discuss the importance of that time. • use a website to practice telling time: http://www.oswego.org/ocsd-web/games/StopTheClock/sthec1.html