MATH NEWS

Grade 3, Module 7, Topic C — Spring 2015

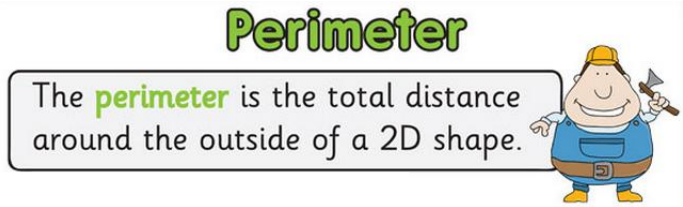
3rd Grade Math

Module 7: Geometry and Measurement Word Problems

Math Parent Letter

This document is created to give parents and students a better understanding of the math concepts found in Eureka Math (© 2013 Common Core, Inc.) that is also posted as the Engage New York material which is taught in the classroom. Module 7 of Eureka Math (Engage New York) covers practice with word problems, as well as hands-on investigation experiences with geometry and perimeter. This newsletter will discuss Module 7, Topic C.

Topic C: Problem Solving with Perimeter



Objective of Topic C

1. Decompose quadrilaterals to understand perimeter as the boundary of a shape.
2. Tessellate to understand perimeter as the boundary of a shape.
3. Measure side lengths in whole number units to determine the perimeter of polygons.
4. Explore perimeter as an attribute of plane figures and solve problems.
5. Determine the perimeter of regular polygons and rectangles when whole number measurements are missing.
6. Solve word problems to determine perimeter with given side lengths.
7. Use string to measure the perimeter of various circles to the nearest quarter inch.
8. Use all four operations to solve problems involving perimeter and missing measurements.

Focus Area– Topic C

Problem Solving with Perimeter

Vocabulary Words

- Attribute: any characteristic of a shape, including properties and other characteristics.
- Classify: to put things into groups
- Perimeter: boundary or length of the boundary of a two-dimensional shape
- Polygon: a closed figure with three or more straight sides
- Tessellation: to tile a plane without gaps or overlaps

Students will solve word problems to determine perimeter with given side lengths.

Jason built a model of a Pentagon. He made each outside wall 33 cm long. What is the perimeter of Jason's model?