Discovering STEM Program

Kit name: Fun with Fruity Shapes (Grades K & 2)

Description: The first activity is a brief discussion about the shapes of fruits, and what shapes children see in various types of fruit, both 2-D and 3-D. The second activity is a game. Each child receives a piece of paper with a fruit on it and identifies which shapes the fruit can make. The third activity involves patterning with fruit stamps. Fruit, cut into shapes, is used to stamp shapes on paper. Students create their own pattern using fruit stamps and then describe their pattern to others.

Alignment for Fun with Fruity Shapes (Grades K & 2)

To the Common Core State Standards Mathematics http://www.corestandards.org

This kit addresses the following standards:

Common Core:

K.G.1 Describe objects in the environment using names of shapes, and describe the relative positions of these objects using terms such as *above*, *below*, *beside*, *infront of*, *behind*, and *next to*.

K.G.2 Correctly name shapes regardless of their orientations or overall size.

K.G.3. Identify shapes as two-dimensional (lying in a plane, "flat") or three-dimensional ("solid").

1.G.1 Distinguish between defining attributes (e.g., triangles are closed and three-sided) versus non-defining attributes (e.g., color, orientation, overall size); build and draw shapes to possess defining attributes.

2.G.1 Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagons, hexagons, and cubes. (Sizes are compared directly or visually, not compared by measuring.

When reserving kits, please be sure to:

- **Return** the filled out reservation form
- **Review** required kit materials prior to event
- **Return** evaluation forms
- **Replace** the consumables