

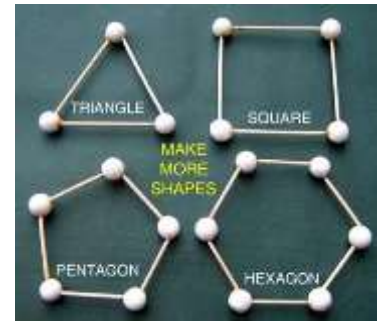
Math Lesson Plan

Topic: Marshmallow & Toothpick Shapes

Activity 7-4

Grade K

Duration: ~ 45 min



CCSS

K.G.3 - Identify shapes as two-dimensional (lying in a plane, “flat”) or three dimensional
SMP 1-6, 8

Specific Behavioral Objectives

As a result of this lesson students will be able to:

- Identify a 2 and 3 dimensional shape
- Construct 2 and 3-dimensional shapes

Materials

- 1) Marshmallows, Toothpicks
- 2) 3D Shapes Song Video
<http://www.youtube.com/watch?v=2cg-Uc556-Q>

Student Materials

- 3) Pencil and crayon (on student table)

Table Area (15 min)

1:00-1:15 Do Now – Identify shapes

Anticipatory Set

1:15-1:30 Carpet Area

- 1.) Show students pattern blocks (square, rectangle, triangle...)

Can anyone tell me what shape this block is?

These blocks are flat so they are 2-dimensional

Display other flat blocks (all same color, but different shapes)

What is the same about these blocks?

Show Shapes Video

Show students a cube wood block and flat pattern block

Procedure

Illustrate difference by displaying both flat pattern block and wood cube 3D block
Who can tell me what is different about these two blocks?
Is it 2-dimensional or 3-dimensional? Why?

Show other objects and introduce shape vocabulary
Ball=sphere, block=cube, can=cylinder

1. Play 3D Shapes Video
Point out different shapes

Closure

Review 2D shapes. Show 3D objects
What is the difference between these shapes? (2D block and 3D)
Can anyone tell me what the name of this object is? (ball, cylinder, cube...)

Guided Practice

1:30-1:45 **Table Area**

We are going to be designers and builders . We are going to make 3-dimensional shapes from marshmallows and popsicle sticks

2. Display sample on Elmo
BE CREATIVE. Make any shape you like

At end of segment ask:

What shapes did we make? Call students to display the shape that they made and describe the shape

Assessment

1. Pre-assessment
 - a. Discussion responses
 - b. Marzano scale
2. Formative Assessment
 - a. Observation
 - b. Student responses during activity
3. Post-Assessment
 - a. Discussion responses
 - b. Marshmallow shapes

