

“Finding Shapes In Farming”

Level: Kindergarten

Time: 1 class period (about 30 minutes)

Core Standards: [CCSS.Math.Content.K.G.B.5](#), [CCSS.Math.Content.K.G.B.6](#)

Overview: This lesson teaches students about shapes. By looking at photographs of farm equipment, students will identify different shapes they see. Then students will create those shapes out of pipe cleaners. This lesson allows students to learn both visually and tactically.

Concept: Understand that shapes make up our world.

Objectives:

- Students will learn about basic shapes: triangle, square, rectangle, circle, crescent, diamond, etc.
- Students will understand that specific characteristics make up each shape: a square has 4 sides, a triangle has 3 sides, etc.
- Students will explain how our world is made up of shapes.

Materials:

- Pipe cleaners, straws, or anything that can be manipulated into shapes
- The Casey & Friends book, *Combines**

Procedure:

Introduction: Ask students to name different types of shapes and write down their answers on the board. Then ask (or pick) individual students to come up and draw the shape next to its name on the board. Once all the shapes are drawn, explain to students that shapes are everywhere around us. Show students pp. 20-21 in *Combines*. Point out that the shapes of the combine’s tires help it move over the ground without sinking. Ask students what shapes they can see in the picture. Then ask students what shapes they see in the classroom. *Example: the clock is a circle.*

Learning Activity: Students will create shapes using pipe cleaners.

1. Tell students that they will be creating their own shapes. Remind them to look at the board if they need help remembering what certain shapes look like.
2. Give each student 1-2 pipe cleaners.
3. Have students bend their pipe cleaners into shapes.

*If you don’t have *Combines*, you can still use this lesson! Just use a different real-life picture that has easily recognizable shapes in it.