

Mini-Lesson Shapes and Attributes

1.) Grade level/Audience: 2nd Grade

2.) Curriculum topic: Math: AR.Math.Content.2.G.A.1 • Recognize and draw shapes having specified attributes (e.g., number of angles, number of sides, or a given number of equal faces)

- Identify triangles, quadrilaterals, pentagons, hexagons, and cubes

Note: Sizes are compared directly or visually, not compared by measuring

3.) Tools: Tangram and PowerPoint

4.) Synopsis of what I'm doing and how I am using the tools. How are the students doing it? Individually, whole class, group of 3 etc.:

Within the lesson, I will be using Tangram and PowerPoint.

I will begin my lesson by explaining the attributes of different shapes. I will use Tangram to give them an idea of the shapes. I will then show them how they can use Tangram to study shapes!

The students will be given an Ipad and split into 2, for play time with Tangram.

Once they understand shapes a bit more, I will then show them PowerPoint. I will use a powerPoint game to test their understanding on attributes of shapes. The PowerPoint game will consist of a whole class assessment on specified attributes (e.g., number of angles, number of sides, or a given number of equal faces)