

Name: _____ Period: _____ Date: _____

Shapes in the World

Identifying Attributes of 2D Shapes

Math 5

Today we are going to look at shapes and their attributes. How do we use what we see to identify shapes? Complete the table below in your group. Your teacher will do the first two with you.

Attribute	Draw the shape	sides	angles	Other identifying attributes
Shape				
circle				
oval				
<i>polygon</i>				
<i>triangle</i>				
equilateral				
scalene				
isosceles				

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<i>quadrilateral</i>				
<i>parallelogram</i>				
square				
rectangle				
rhombus				
kite				
trapezoid				

Now that you know about shapes, you are going to go out into the world to identify them. Use your iPad, phone or other teacher given instrument to take at least one picture of each of the shapes above. Look for them in the shapes of the back of a chair, ceiling tiles or signs. Be creative! Use your imagination and look for shapes in unexpected places.

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When you return, you will print or create a media presentation comparing two shapes. The two shapes should reside in the same categories. For example, squares and trapezoids are both quadrilaterals. But you could not compare a circle and a square, because they are not in the same subcategory.

Use the graphic organizer below to plan your presentation. Have your teacher check this work. Then label each photo with the attributes you have identified in the graphic organizer.

	1	2
category		
sub category/ shape name		
sides		
angles		
Other defining attributes		