


National Mathematics Team

Mathematics Planning Template

Strand: Geometry				
Week	Topics/Objectives	Main Concepts	Teaching/Learning Activities	Assessment/Homework Activities
	<p>a. Identify the parts of a circle.</p> <p>b. Compare and contrast the meaning of a circle as a curve and a circle as a two dimensional region.</p>	<ul style="list-style-type: none"> • Circle • Curve • Diameter • Radius • Circumference • Chord • Segment • Sector • Chord • Sphere 	<p>1. Through discovery allow students to find out the different properties/parts of the circle.</p> <p>Example: In groups, give students cut outs of the different parts of a circle and ask them describe it, as well as to say what that part represents. (<i>See Resource Document, for cut outs</i>)</p> <p>2. Give students pictures of circles and curve. Allow them to find similarities and differences between them</p> <p>Example of pictures:</p>  <p>Ideas that should come out of discussion:</p> <ol style="list-style-type: none"> a. Not all circular objects are circles. b. A circle is a set of points in a plane that are equidistance from a fixed point. c. A circle is a closed curve, but not all closed curves 	<p>1. Play the game “musical pass”. Place words related to the circle in a bag and play music while the bag is passed around in the class. When the music stops, whoever has the bag in hand is required to pick a word and to tell something they learned about it.</p> <p>2. Give students words related to the circle and have them draw it and list two objects within their environment that</p>

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			<p>are circles.</p> <p>3. Talk about shapes/objects within their environment which are circular. Describe them as being a sphere, or having circular faces.</p>	<p>this can found.</p> <p>3. Homework: Use discarded material to make a model of a circle on cartridge paper/cardboard/strawboard. Ensure to show the different parts of the circle</p>
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