

Assam Goes Online (AGO)

Class:6

Subject: Geometry

Topic: Basic Geometrical Ideas

Learning Objective:

- Students will get an idea on fundamental geometrical shapes and about their features.
 - They will get an idea about the geometrical shapes in the environment and their application.
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Day	Time	Activities	Resource
Day 1	10 minutes	The students will observe their surrounding and make a list of any 10 objects that you think is a geometrical shape.	

	30 minutes	<ul style="list-style-type: none"> • The students will take 2 threads or ropes. They will create different lines and curves using the thread. Take picture or draw picture and share with teacher/parents. • The students will then make different geometrical shapes with the help of stick / matches, draw the same figures on the copy and write the name of the shapes and their properties. The students will then share it with the teacher/ parents. • The students will find objects in their surroundings which matches the shapes that they have created and will write the names in their notebook and share. <p>The students will be asked to collect a coil shape object (as mosquito coil) and a bangle. Draw the figures on a page. Write the difference between 2 figures. Observe few more figures like these and share with your teacher.</p>	https://www.youtube.com/watch?v=UEL-KHbf5_0 The link with help to get some more idea on basic geometry Text book (page no. 57) Text book (page no. 63) Reference: geometry-terms.png Text book (page no. 61) Text book (page no 71)								
Day 2	30 minutes	<ul style="list-style-type: none"> • The students will be asked to find out angles in their surrounding and draw or take picture of the same and share with the teacher. (like; clock, partly opened doors, edges of table etc) • They will further write what are the usage of angle in their daily life 	Text book (page no. 68,69) The teacher can guide the students to follow Diksha app for resources.								
	45 minutes	<p>Assessment:</p> <ul style="list-style-type: none"> • The students will draw a picture with the geometrical shapes and lines and share it with their teachers. • The students will fill out the following table and share with their teachers/ parents. <table border="1"> <thead> <tr> <th>Triangles</th><th>Shape</th><th>No. of Equal Sides</th><th>Angles</th></tr> </thead> <tbody> <tr> <td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>	Triangles	Shape	No. of Equal Sides	Angles					
Triangles	Shape	No. of Equal Sides	Angles								

		Equilateral Triangle					
		Isosceles Triangles					
		Scalene Triangles					
		Quadrilaterals	Shapes	No. of Sides	No. of Parallel Lines		
		Square					
		Rectangle					
		Rhombus					
		Parallelogram					
		Trapezium					
		Regular Polygons	Shapes	No. of Sides	Angles		
		Equilateral Triangle					
		Square					
		Regular Pentagon					
		Regular Hexagon					

		Regular Octagon					
		Regular Decagon					