

GEOMETRY AND ART

Teaching notes

Lesson 1: FLAT SHAPES

3rd session: Making shapes	
AIMS	<ul style="list-style-type: none"> ● To review the vocabulary related to standard flat shapes. ● To identify features in shapes. ● To make different shapes.
RESOURCES	<ul style="list-style-type: none"> - A computer and a data projector for the power point presentation. - Plastics sticks or straws of 2 different lengths and plasticine. - Hoops and labels for classification criteria. - Supplementary material: (choose_between_two.ppt) (labels_classification.pdf)
GROUPING	Half the class.
DESCRIPTION OF THE ACTIVITIES	<p>1st activity: Choose between two! (choose_between_two.ppt) Show slides 1 to 7 to review the vocabulary. Use slides 8 to 14 to revisit the features of each shape. After the name of each shape appears, the teacher asks the following questions:</p> <ul style="list-style-type: none"> - What colour is it? - How many sides has it got?..... - How many corners has it got?..... <p>Introduce the features of curved and straight sides and same or different length of sides.</p> <ul style="list-style-type: none"> - Has it got curved or straight sides? - Are the sides the same length or different? <p>2nd activity: Let's make your own shape!</p>

	<p>(labels_classification.pdf)</p> <p>First, each child makes his/her own shape with plastic sticks and plasticine. Then, classifies all the shapes following different criteria:</p> <ul style="list-style-type: none"> - Classify by counting sides. - Classify by counting corners - Classify by curved and straight sides. - Classify by same or different length of sides. <p>Establish the sorting criteria by putting the labels on the hoops and let the children take turns to put their own shapes in the right place.</p>
<p>LANGUAGE</p>	<p><i>key vocabulary:</i></p> <ul style="list-style-type: none"> - Circle, triangles, square, rectangle, pentagon and hexagon. - Sides ,corners, curved and straight, same or different length. <p><i>Key phrases needed:</i></p> <ul style="list-style-type: none"> - Choose between two. - It's a - What shape is it? - What colour is it? - How many sides has it got?..... - How many corners has it got?..... - Are the sides the same length or different? - Let's classify/sort the shapes by the number of sides. - Let's classify/sort the shapes by the number of corners. - Let's classify/sort the shapes by curved or straight sides. - Let's classify/sort the shapes by the length of the sides.
<p>SKILLS</p>	<p>Speaking, listening, constructing and classifying.</p>