

# GEOMETRY AND ART

## Teaching notes

### Lesson 1: FLAT SHAPES

<b>7<sup>th</sup> session: Patterns</b>	
<b>AIMS</b>	<ul style="list-style-type: none"> <li>● To review the vocabulary related to other flat shapes</li> <li>● To complete a sequence of repeating patterns of shapes.</li> <li>● To draw 2-D shapes.</li> <li>● To develop the children's creativity.</li> </ul>
<b>RESOURCES</b>	<ul style="list-style-type: none"> <li>- A computer and a data projector for the power point presentation.</li> <li>- A smart board.</li> <li>- Felt-tip pens and A4 paper.</li> <li>- Supplementary material: (<a href="#">vocabulary_revision_sequences.ppt</a>) (<a href="#">sorting_curved_straight_sides_smartboard</a>)</li> </ul>
<b>GROUPING</b>	<ul style="list-style-type: none"> <li>- Half group.</li> </ul>
<b>DESCRIPTION OF THE ACTIVITIES</b>	<p><b>1<sup>st</sup> activity: What shape is next?</b> (<a href="#">vocabulary_revision_sequences.ppt</a>). Slides 1-8 are to review all the vocabulary related to the new shapes: they ask children to choose between 2 names. The rest of slides are to continue the sequence of patterns made with the shapes.</p> <p><b>2<sup>nd</sup> activity: Sorting: Curved and straight sides</b> (<a href="#">sorting_curved_straight_sides_smartboard</a>) Ask pupils to come to the smart board and put a shape they choose in the correct place (basket, shopping cart and box). The dialogue can be as follows: - Which shape do you choose?</p>

	<ul style="list-style-type: none"> <li>- Is it a ..... or a .....?</li> <li>- Has it got straight sides or curved sides?</li> <li>- Where do we put it, in the box, in the basket or in the shopping cart?</li> <li>- Well done!</li> </ul> <p><b>3<sup>rd</sup> activity: Making a picture with shapes</b></p> <p>Use the smart board to design some pictures by using flat shapes. Afterwards, each pupil designs his/her own picture with felt-tip pens.</p>
<b>LANGUAGE</b>	<p><i>Key vocabulary:</i></p> <ul style="list-style-type: none"> <li>- Diamond, star, oval, ring, heart, crescent, semicircle.</li> <li>- Circle, triangle, square, rectangle, pentagon and hexagon.</li> <li>- Basket, box, shopping cart.</li> <li>- House, cat, dog, bird, tree, fish.</li> </ul> <p><i>key phrases needed:</i></p> <ul style="list-style-type: none"> <li>- What will come next?</li> <li>- Which shape do you choose?</li> <li>- Is it a ..... or a .....?</li> <li>- Has it got straight sides or curved sides?</li> <li>- Well done!</li> </ul>
<b>SKILLS</b>	Listening, speaking, classifying and creativity.