

GEOMETRY AND ART

Teaching notes

Lesson 2: SOLID SHAPES

12th session: Extension activities.

AIMS	<ul style="list-style-type: none"> • To name and identify solid shapes. • To find similarities and differences between shapes. • To follow some game rules.
RESOURCES	<ul style="list-style-type: none"> - A set of 2-D and 3-D shapes. <p>Supplementary material:</p> <ul style="list-style-type: none"> - A laminated set of dominoes (bingo_cards.pdf) - A laminated bingo game and counters. (shape_domino.pdf) - Laminated cards of the game 'Odd one out' (odd_one_out.pdf)
GROUPING	<ul style="list-style-type: none"> - Half group. - Table groups. - Pairs.
DESCRIPTION OF THE ACTIVITIES	<p>This session contains 3 games to play in groups. First, the teacher and the children play to learn how each game works. From then on, the material for these games could be in the classroom ready for the children to play when they have some free time.</p> <p>1st activity: Shape Domino game. (shape_domino.pdf) Divide the dominoes equally between the players. The first player to play puts down a domino and the next player matches the domino to the one on the table. The match is by name, picture or description of the shape. Take turns. The player left with the least dominoes is the winner.</p> <p>2nd activity: Shape Bingo (bingo_cards.pdf) Give a bingo card and 6 counters to each pair of</p>

	<p>children. The teacher can say the names of the shapes in different ways depending on how difficult he or she want to make the game .</p> <p>E.g.</p> <ul style="list-style-type: none"> -Teacher takes a shape out of the bag, says the name aloud and shows the shape to the pupils. - Teacher takes a shape out of the bag and show the shape without saying the name (silent game). - Teacher takes a shape out of the bag and says the name. This time the shape is not shown to the pupils. - Teacher describes the shape that is taken out of the bag. <p>The children put a counter on each shape that has been taken out of the bag. The winner is the first to complete the bingo card. The word for the winner to shout out is 'house'.</p> <p>3rd activity:</p> <p>Game 'Odd One Out'(odd_one_out.pdf)</p> <p>The teacher chooses a card and asks the pupils to find the 'odd shape' looking at the similarities and differences of the shapes on the card. At the back of the card there is the solution for the children when they play by themselves.</p>
<p>LANGUAGE</p>	<p><i>Key vocabulary:</i></p> <ul style="list-style-type: none"> - Square, triangle, circle, rectangle, pentagon and hexagon. - Cube, cuboid, cylinder, sphere, cone and pyramid. - Domino, house, bingo card, <p><i>key phrases needed:</i></p> <ul style="list-style-type: none"> - It is a - Which is the odd one?
<p>SKILLS</p>	<p>Listening, speaking and social skills</p>