

### TEACHING OBJECTIVES

1. To use mathematical names for common 2D shapes.
2. To identify 2-D shapes and its properties.
3. To transfer the knowledge and create shapes with their body and other materials.
4. To predict and compare results
5. To present their own shape creations

### LEARNING OUTCOMES children will be able to

| COGNITIVE SKILLS  | CONTENT  | CULTURE   |
|---|--|---|
| <ul style="list-style-type: none"> <li>• Memorise the mathematical names of shapes</li> <li>• Apply the knowledge learnt to draw shapes using different sorts of material: dotted paper, body and geoboards.</li> <li>• Predict the shapes involved in a tangram picture. Compare them.</li> <li>• Make choices to invent pictures with a tangram</li> <br/> <li>• Report the conclusions and present new pictures and shapes involved</li> </ul> | <ul style="list-style-type: none"> <li>• The names and features of the 2d shapes</li> <li>• The description of shapes</li> <li>• The construction of shapes using geoboards, papers and own body (shape and space) (decision making)</li> <li>• The comparison and report of their own work</li> </ul> | <ul style="list-style-type: none"> <li>• Interest in discovering shapes around us</li> <li>• Respect towards other people's work</li> </ul> |

### COMMUNICATION

| LANGUAGE OF LEARNING   | LANGUAGE FOR LEARNING   |  | LANG THROUGH LEARNING   |
|--|---|--|---|
| <ul style="list-style-type: none"> <li>• <b>Vocabulary of the topic</b><br/>The same and also others such as flat, straight, round, dotted paper, geoboard, elastic bands</li> </ul> | <ul style="list-style-type: none"> <li>• <b>Structures for communication</b><br/><i>We can draw..... because.....</i><br/><i>..... have .....sides /corners</i><br/><i>we need .....people altogether</i><br/><i>I think we can use..... / we could use.....</i><br/><i>First we thought we needed (..) but in fact we need (...)</i><br/><i>This is a (...)/ I used (...)</i></li> </ul> | <ul style="list-style-type: none"> <li>• <b>Language support</b><br/>(ss5, ss6, ss7, ss8)</li> <li>• <b>Classroom L.</b><br/>Draw a shape with (...)<br/>How many sides (...)?<br/>Listen carefully<br/>Congratulating vocabulary</li> </ul> | <ul style="list-style-type: none"> <li>• Dictionary skills</li> <li>• Questions that come across throughout the lessons.</li> </ul> |