**Year 1 Maths Toolkit Activities**

**Activity 1 – Creating 2 D shapes**

**Activity Approach**
- Pair work

**Resources**
- Cutters in various shapes
- Play dough or plasticene

**Instructions:**
1. Pupils are given some play dough and they cut different 2 D shapes: circle, square, triangle and rectangle.
2. A discussion can be held on the properties of shapes.
3. This activity can be extended to sort the shapes in different groups and to compare sizes of shapes.

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**Activity 2 – Shape Bingo**

**Activity Approach**
- Whole Class approach

**Resources**
- Folder: Activity Sheet 1.2a/b/c/d
- Whiteboard marker

**Instructions**
1. Pupils are given a board game and a marker.
2. Pupils then take turns picking a calling card and calling out the shape and colour represented on the card.
3. Every pupil who has that colour and shape combination may tick that shape with the marker.
4. The first pupils that mark three shapes in a row will be the winners.
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Activity 3 – Focusing on a Square

Activity Approach
- Whole class approach

Resources
- Cardboard
- sticks

Instructions
1. Teacher puts a variety of shapes in a feely bag.
2. A pupil takes a shape and identify if it’s a square or not a square.
3. Teacher gives pupils cut outs of squares of different sizes and the pupils create something from their imagination: square puppet, house, robot etc
4. Pupils can enrich their creation using pencil and colours.
5. Finally pupils stick their creation on a stick.
6. As a supplement to this, teacher can send a note to parents requesting that each pupil brings a square snack for that day.
7. This activity can be repeated for other shapes.

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Activity 4 – Focusing on Cubes

Activity Approach
- Whole class approach

Resources
- Recycled packets in the form of a cube
- Glue, tape, pencil and colours
- Brown paper or tracing paper for wrapping
- Decorating items such as giggling eyes, cotton wool, cardboard

Instructions
1. Teacher request that pupils bring a recycled packet in the form of a cube.
2. If packet is in the form of a cuboid, it can be modified to form a cube.
3. Pupils wrap the cube.
4. They decorate the cube to form a cube man or woman.
5. They can stick cotton wool on top to form the hair, add giggling eyes and eyelashes and can decorate with accordion legs and arms made from the cardboard.
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Activity 5 – Sorting Shapes

Activity Approach
- Whole class approach

Resources
- Recyclable material and other objects in the form of a cube, cuboid, sphere, cylinder and cone
- 2 hula hoops
- 2 headings: Will roll, Will not roll

Instructions
1. Teacher requests that pupils bring from home recyclable packets of food or other objects which they will later return home, such as: an empty kitchen roll, empty tins and packets of food, party hats, small balls, etc.
2. Pupils will investigate which objects they think will roll and which objects will not roll.
3. Pupils can separate these object in two hula hoops with different headings.