

Name: _____ Date: _____

Patterns and models

- Describe and continue repeating patterns and make models

Your child has been using shapes to continue and create their patterns and models. They have worked with 2-D flat shapes (circle, square, rectangle, triangle) and 3-D solid shapes (cylinder, cone, sphere, cube, cuboid).

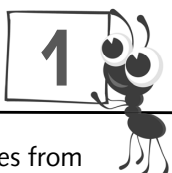
They are becoming more familiar with the names of different shapes and they are learning how to recognise and match shapes to those that are in the environment, e.g. a food tin might be a cylinder, a clock can have a circular face and a window may be a rectangle.

Encourage your child to notice everyday patterns and shapes around them and help them to recognise the features these have.

You will need:

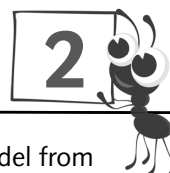
- scissors
- glue
- building blocks or construction toys
- recycled material suitable for building models, e.g. boxes, containers, cardboard tubes, food packaging

What to do



Help your child to cut out the pictures from the bottom of Homework SSM18. Look at each repeating pattern in turn, and encourage your child to identify what comes next in each one. Support them as they find the next one or two pictures to complete each pattern correctly. Together, say the pattern aloud (triangles, circles, triangles, circles, ...), checking that the repeat is correct before gluing the pictures into place.

What to do



Encourage your child to make a model from recycled material, or to build a model using any building blocks or construction toys they may have at home. Ask them to describe their model, encouraging them to use mathematical names, e.g. cube and cylinder. If possible, allow them to take their work into school, or take a photograph of your child's model and glue it onto the back of Homework SSM18.

What to do



Continue to encourage your child to notice everyday shapes around them and help them to recognise the features these have. Encourage them to describe the shapes, using words such as 'round', 'straight', 'curved', 'big', 'small', 'pointed', 'corner', 'edge', 'side', 'face', 'solid' and 'flat'. Emphasise the names of the shapes, and support your child if they are unsure of the correct names.

Feedback

Use this box to record any observations, comments or questions for your child's teacher.