

## Focus plan for Problem solving, Reasoning and Numeracy

### Activity -The Baker -

#### Learning intention

Talk about, recognise and recreate simple patterns.

Use language such as 'circle' or 'bigger' to describe the shape and size of solids and flat shapes.

#### Resources

Play dough in a selection of colours

Rolling pins, cutters, safe knives, trays

A collection of real cakes that have an obvious pattern, e.g. Battenberg cake, Swiss roll, slice of jam sponge

#### How the activity will be carried out

Have a look at the real cakes with the children. Can they describe any of the patterns/shapes/colours they see? How do they think the Baker put these cakes together? Invite the children to have a go at making some cakes with some of these patterns and shapes. Help each child to choose a cake to try to make and support them as they work out the best way to do it. Encourage them to use shape and pattern vocabulary as they work. Collect the cakes together on the trays, one tray for each type of cake.

#### Questions to ask/Language to use

What shapes/colours/patterns can you see?

Roll/flattern/cut/square/triangle/round/spiral/different/same/stripe

#### Differentiation (Birth to Three)

Use different shaped cutters as an opportunity to talk about shape. Put out only one real cake and try to make it together.

#### Extension

Ask the children to set up a little cake stall to sell their 'cakes' for 1p or 2p each. Make real cakes during cooking time and set up a 'bakery' to sell to parents. Give the profits to a local charity.

#### Evaluation