

Focus plan for Problem solving, Reasoning and Numeracy

Activity - Creepy Crawly Patterns Date -

Learning intention

Use familiar objects and common shapes to create and recreate patterns.

Talk about, recognise and recreate simple patterns.

Resources

Sheets of white paper, or a tray for each child

Coloured plastic shapes, or pieces of card

Books and pictures about caterpillars

How the activity will be carried out

Invite the children to look at some of the pictures of caterpillars. Talk with them about the patterns that they notice. Ask the children to make their own patterned caterpillar, by laying out the coloured shapes in a line on the paper or in a tray. Support them as they explore patterns. Can they make a pattern that is the same over and over? What colours are they using to make their patterns? Show the children how to change their patterns by moving the shapes about. Children can make their pattern wiggle across the paper. If they have used sheets of paper and coloured card, invite the children to stick their shapes down to record the patterns they have made.

Questions to ask/Language to use

Pattern, repeating pattern, colours, the same, different, alternate

Differentiation (Birth to Three)

Using trays and plastic shapes allows the children to move objects around freely as they explore the patterns they can make.

Extension

Children could be given strips of coloured paper to cut their own shapes from. Or they could make a pattern using shapes and colours, e.g. blue circles and red squares.

Evaluation