



# 3D Paper Surfaces

Investigate a variety of ways to add elements to a surface with paper to make linear patterns in 3 dimensions.

## Materials

White card for the base.  
Paper cut into 3cm wide strips.  
PVA glue.  
Flat mixing tray.



## Method

- Set out some PVA glue in a line on the flat mixing tray - this makes it easier to add glue to the paper strips.
- Show the children different ways of manipulating paper strips to form coils, curves and other 3D shapes. Try calling out a single word such as coil, twist, roll etc and seeing what they come up with. The aim is to encourage the children to experiment.
- Model the method of dipping the edge of the paper strips into the PVA glue then manipulating into shape before sticking the paper down onto the base card.
- Avoid putting too much glue onto the edge of the paper strip as it tends to soak in and weaken the paper,
- Hold the glued strip in place for a count of 10 seconds before letting go. If too much glue is used they may need to hold on for longer.
- Ask the children to keep adding paper strips to the base, filling in the spaces and producing linear patterns.
- Allow to dry then display all together and ask the children to comment on their own work and that of other children.



## Taking it Further

Look at a variety of artists who make paper sculptures and see if the children can work out how they have made their work. Challenge the children to make a range of textures in thin white card e.g. bumpy, furry, rippling, prickly etc. Try adding 3D texture onto a 3D surface such as a cube by making a large cube then gluing the textures onto it. Hang from the ceiling to look at the textures in the round.



Working only in one colour allows light to have a strong effect on the work in that the shadows become part of the piece. This can be emphasised by using a torch or a table lamp.