Roll Over

You need ☑ a small cardboard box ☑ heavy paper
☑ scissors ☑ tape
☑ play dough or clay

> A net is a pattern of polygons that can be folded up to form a solid shape called a polyhedron.

Activity One

Sian looked at this box and wondered what the net would be like. She had an idea.

Place the box on a big piece of paper.

Trace around the bottom face.

Roll the box over and trace again.

Keep rolling and tracing until every face has been done.

Remember to roll sideways to trace the ends as well.

1. Does Sian's idea work?
   Try it on a small box to find out.

2. Cut out the net and fold it up to check that it works.

Activity Two

Make this house with play dough or clay.

Use Sian's idea to make a net of it.
Cut the net out, fold it up, and stick it together.

What shapes are the faces of the house you have made?