

MADE BY NATURE

Many of the materials we use are **natural materials** - they come from living things, or from the Earth itself.

MADE BY NATURE

YOU WILL NEED

- A piece of cardboard, about 10 cm x 8 cm
- Scissors
- Some wool - two different colours
- A darning needle

THINK

about how different natural materials.

- Wood used for furniture and buildings comes from trees.
 - Clay and sand come from the Earth and rocks.
 - Wool used for knitting and weaving cloth comes from sheep.
- How can you make a piece of wool into a piece of cloth?

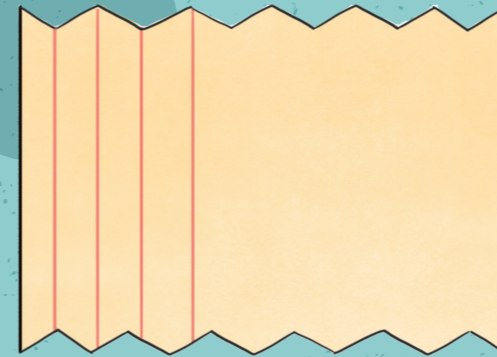


HOW DOES WOOL MAKE CLOTH?

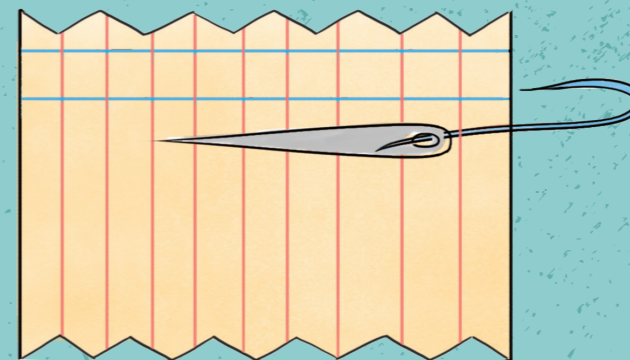
1 Cut small triangular teeth into the two longest edges of the cardboard. You may need an adult to help you with this.

2 Loop one colour wool around one end of the board and tie a knot. Wind the wool along the card so that each loop sits in one of the teeth (see page 25). This is called the warp thread.

3 Thread the needle with the other colour wool. Use the needle to pull the wool under and over each of the warp threads. At the end of one row, turn the needle around and work back in the opposite direction. This is the weft thread.



WARP



WEFT

4 As you do each row, push it up gently so that it sits closely to the row next to it.

5 When you have filled one side of the cardboard, knot the end of your weft thread. Then cut along the middle of the warp threads on the back of the cardboard and take your woven cloth off it.

BECAUSE...

Natural materials are useful because we can make all kinds of things from them. Sometimes we change a material's shape, such as turning a fleece into woollen yarn. We can also break up a material, such as by chopping wood. But the material itself does not change.

