

# Design a chocolate box

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This task is about designing, drawing the net and making a 3-D shape.

## Practical task

### Make a chocolate box

**Your company has invented a new type of chocolate bar. The chocolate bar is the same size as a 'hundred' place value block. Your company wants to sell the bars in packs of three. Your job is to design one box to fit all three chocolate bars.**

Draw a net pattern on your piece of cardboard that can be cut out in one piece and folded so that it will make a box with a lid to hold the three chocolate bars.

- . Design the box so that it can hold the three bars only with no room left over.
- . You may trace around the wooden blocks to help you make your box.
- . Make up a name for your chocolate bar and write it on the part of your net pattern that will end up being the lid of the box. Do this before you cut the net pattern out.
- . Show your net pattern to your teacher.
- . Cut out your net pattern in one piece.
- . Fold your net pattern to make the box and use sellotape to stick your box together.