

How to Make a Paper Cube!

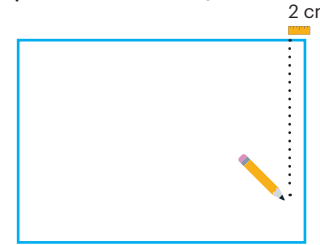
Supplies: Follow the instructions on this page and watch this video to learn more:

- A4 paper
- Pencil
- Ruler
- Scissors
- Glue



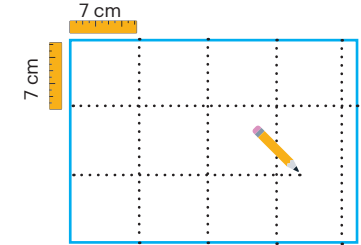
Step 1.

Measure and draw a 2 cm margin (from the right edge of the paper in landscape orientation).



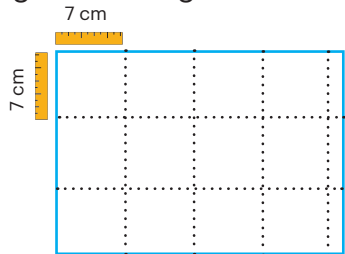
Step 2.

Measure and draw 7 cm rows and 3 columns on the rest of the paper.



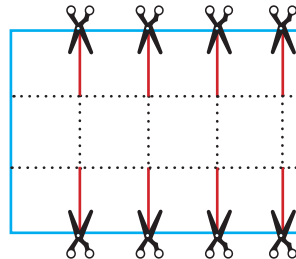
Check:

There should be 12 squares that are all 7 cm on each side and a thin 2 cm margin on the right side.



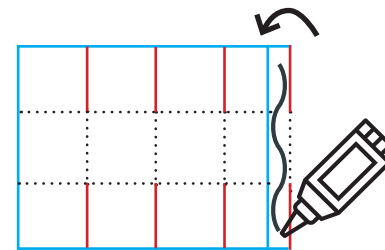
Step 3.

Make 8 cuts from the top and bottom edges. Stop at 7 cm. Do not cut through the middle section!



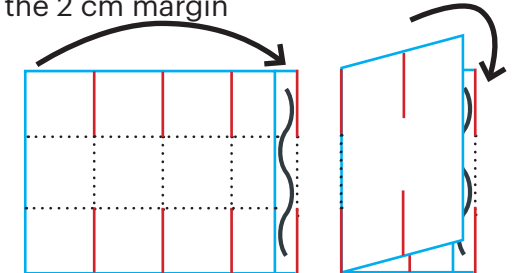
Step 4.

Fold the 2 cm margin and glue the back of it.



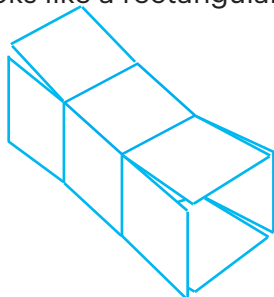
Step 5.

Fold the paper over the center line so the left side is glued to the back of the 2 cm margin



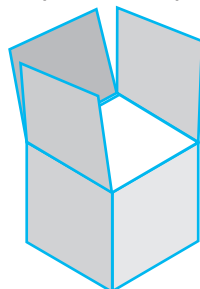
Step 6.

Adjust the folds from Step 2 so your page looks like a rectangular column.



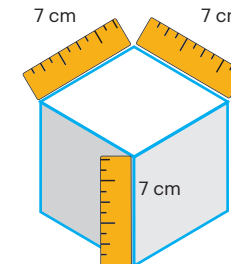
Step 7.

Fold and glue the square flaps (from your cuts in Step 3) on top of each other.



Check:

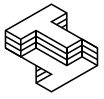
Your cube should measure 7 cm on each edge (length, width, and height)



Next Steps:

You will need 27 cubes in stacks of 2 or 3 to test your protective structure for Survive the Storm!





The Tech
Challenge

Kenya

Paper Cube Template

Fold on all
dotted and
solid lines

Cut on the
8 solid lines

Link to
Instructions:



Glue the other side of this margin