



MATH&MOVE

PRACTICE SHEET

Polyhedra and polygons



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TOPIC: Geometry (figures and solids)

DURATION: 10-30 mins

LEVEL: 2 (ages 8-9)

PARTICIPANTS: in small groups

Required materials for this activity

1 String

2 Cardboard in square, triangle and rectangle shapes

INSTRUCTION AND DESCRIPTION OF THE ACTIVITY

Instruction

Get into a group of 6 pupils.

Manipulate the string, your bodies and the cardboard shapes to replicate the proposed geometric figures in different ways.





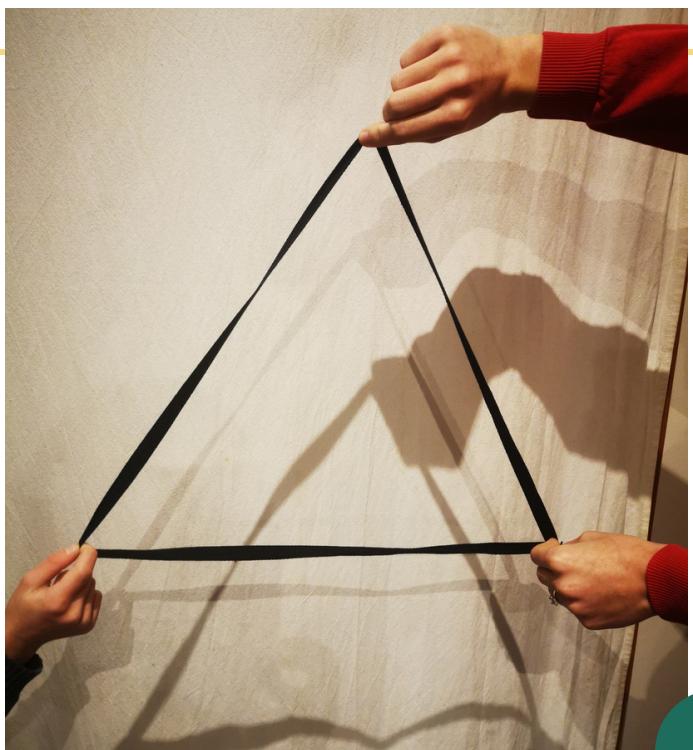
Activity



Form your groups of 6 and choose the figure you want to make: square, triangle or rectangle.



- Take the string and work together to model the figure you have chosen.
- Have the result validated by your teacher.





- Now portray the edges of this figure together using your bodies.
- Have the result validated by your teacher.

**FINAL STEP**

Among the cardboard faces at your disposal, find those that will allow you to create your solid (the 3D portrayal of the 2D shape you worked with).

- 1 cube: 6 square faces
- 1 tetrahedra: 4 triangular faces
- 1 cuboid: 6 rectangular faces (3 identical pairs)

Have the result validated by your teacher.