

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.



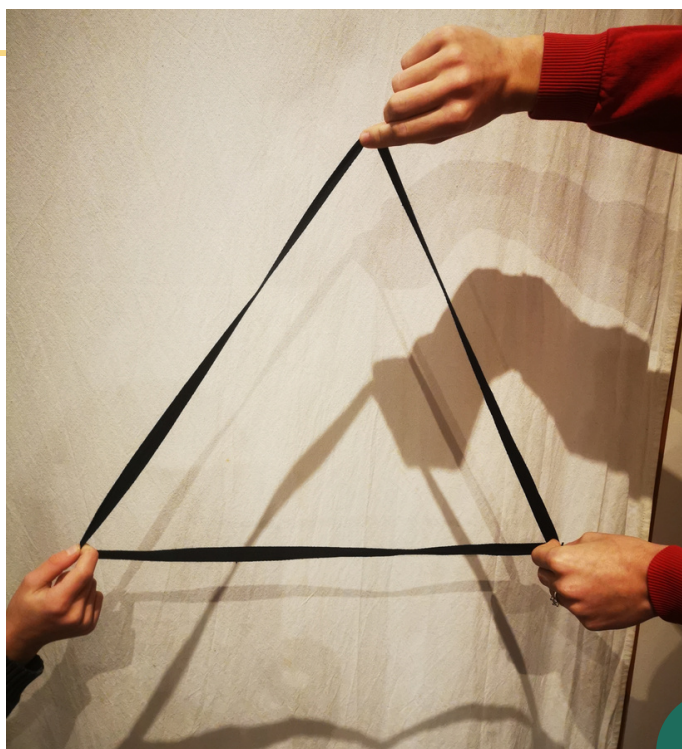
1

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



2

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



2



- 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.