

THE SHAPES BUILDING

Exhibit 11 - Organising shapes in space

- **Level of difficulty**

Level 2

- **Duration of the activity**

15 minutes

- **Number of participants**

Individual activity or in pairs

- **Mathematical concept**

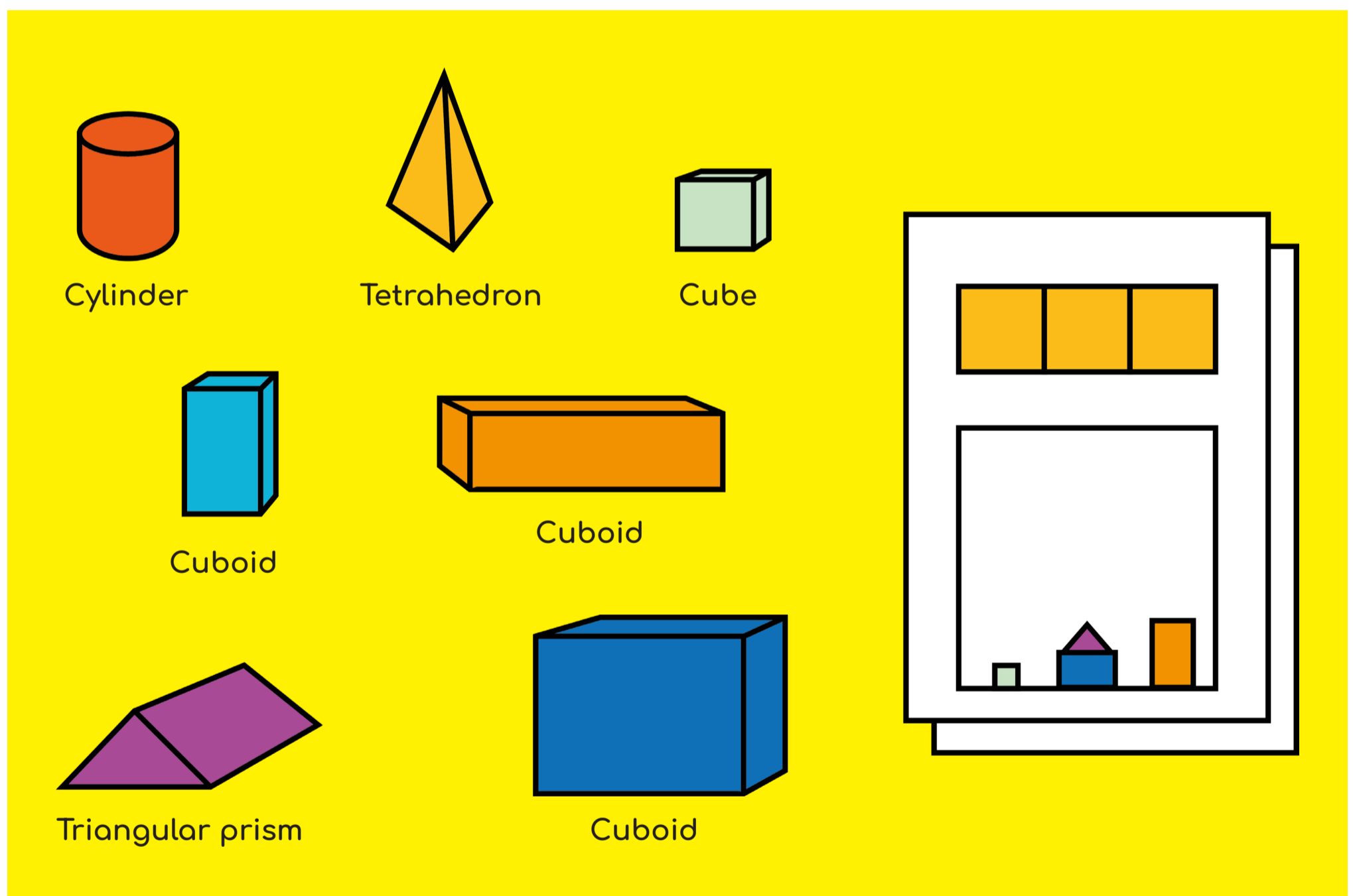
Organising shapes in space, locating objects in relation to each other in space, solving a problem using geometric shapes, observing objects from different angles

- **Inventory**

- 5 challenge sheets, each with a different level of difficulty
- 11 "polyhedra" solids

- **Skills worked on**

- Know how to situate objects in relation to each other
- Identify simple figures in an assembly
- Move from a horizontal 2D plane to a vertical 3D plane
- Cooperate between peers (for assembly and validation)



To Go Further

- Same activity but with one view only
- Blank challenge sheet for children to create their own
- Add another plane to the challenge sheets (1st plane / 2nd plane / 3rd plane)
- Make a challenge sheet with the top view
- Add 2 more players with side views

Learn more about the Recreamaths project at recreamaths.eu