MathCity

Learning Objectives:

- Know how to manipulate simple shapes using tinkercad.com
- Understand how 3D printers works.

Level of Difficulty: Level 2

List of Materials Required:

A 3D printer

A spool of filament for the 3D printer (one color is enough)
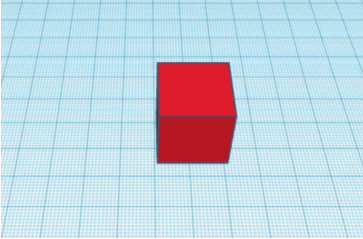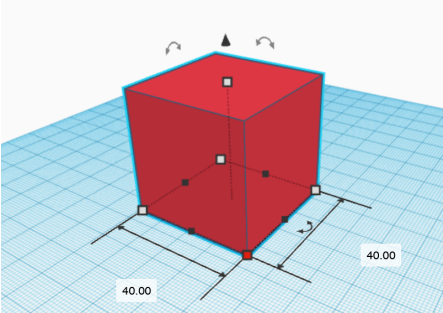
An A3 printer and an A3 laminator

3D Modelling Skills Needed:

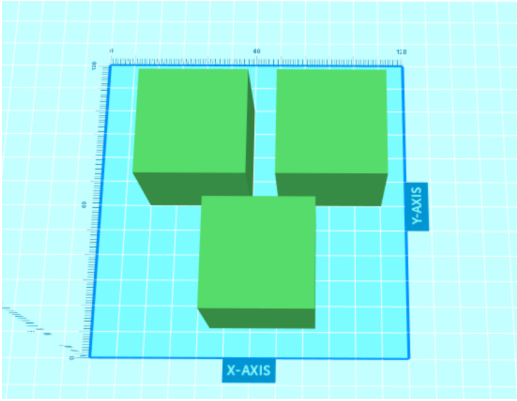Know how to move an object on the plan

know how to resize an object
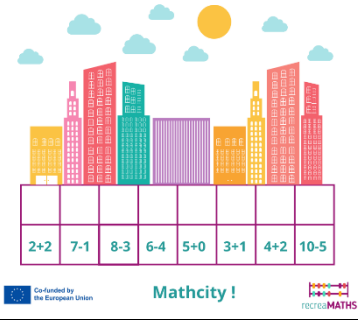
Step-by-step 3D Modelling

Step 1	Create the cube You can also find the shape in the predesigned shape section	
Step 2	Resize the cube to these dimensions: 40x40x40	

Creation of the Exhibit
Assemble/disassemble and store the exhibits, accompanied by the corresponding time-frames

Step 1	Print 44 cubes. For instance, 3 at a time.	
Step 2	Print the A3 sheets	

Step 3	Laminate the calculation sheets to protect them better.	

Design Map

Summary of the key steps for developing and creating the 3D Exhibit.