3D Modelling

I have already learned:

- To draw shapes using a computer
- To resize, recolour and alter shapes drawn on a computer
- To create vector images using shapes
- To recreate physical objects around the classroom as vector images

KNOWLEDGE GEMS
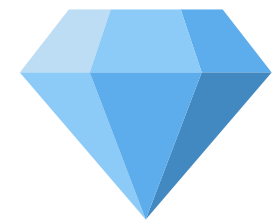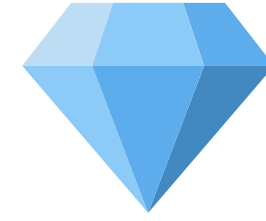### I am going to learn:

- To add 3D shapes to a project
- To view shapes from different perspectives
- To resize objects in three dimensions
- To rotate 3D objects
- To recolour 3D objects
- To lift/lower 3D objects
- To size objects accurately in relation to each other

Outcome:
To create a 3D model of a building using 3D modelling techniques

🔍 Careers in programming ✕

3D Animator

Create animated movies using 3D modelling techniques

Creating Media

Vocabulary

3D	An object which has three dimensions; that is not flat
perspective	The direction that you are looking at an object from
rotate	To turn an object in different directions
duplicate	To make a copy
modify	To change something to make it suit a purpose
CAD	Computer-Aided Design; using computers to create designs

Computer Science
How computers work and how they are made.
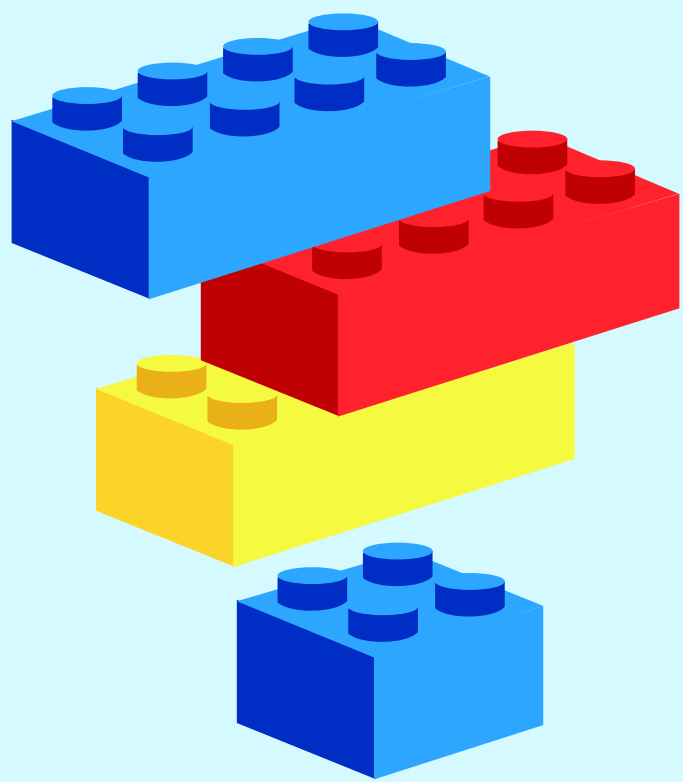
Information Technology
How to use computers to create digital content.

Digital Literacy
How to be safe and responsible on computers.

Which strands of computing have you been learning about today?

Useful Links

Sheets

Building Blocks to E-Safety

E-Safety Tips
- Always ask a trusted adult's permission before using the internet, and let them know what you are going to do
- Be careful what you click on. Only visit websites that are safe and appropriate, and never click on links if you don't know what they are
- If something makes you uncomfortable, worried or upset, tell a trusted adult - they can help you to deal with the problem

Try it at home!

Did you know you can use TinkerCad at home? Make sure to get an adult's permission!

Can you use TinkerCad to make a 3D model of your classroom?

What about the whole school?

SCHOOL