

Structures: Tudor Houses

What I should already know

- I should be able to turn a 2d shape into a 3d shape.
- I should be able to follow instructions.
- I should be able to draw a simple design.
- I should be able to evaluate my design.

What I will learn (Sticky knowledge)

I will learn how to:

- To explore structures and how to make them stable.
- To understand that the shape of the structure affects its strength.
- To make a structure.
- To evaluate my own design.



What I will learn next

- To design a castle with key features.
- To construct a range of 3D geometric shapes
- To understand that wide and flat based objects are more stable.
- To understand the importance of strength and stiffness in structures.
- To evaluate and suggest improvements of own journey.

sphere



cube



pyramid



cylinder



Key Vocabulary

Function	How something works.
Man-made	Made by people
Mould	To form different shapes out of soft, squishy materials.
Natural	Found in nature e.g. spider's web
Stable	Object does not easily topple over
Stiff	A material or object that does not bend easily e.g. wood
Strong	Something that is not easily broken e.g. wood, brick
Structure	Something that has been made and put together and can usually stand on its own e.g. a building.
Test	To find out whether something works as it should.
Weak	Something that is easily broken e.g. paper, egg shells

Natural Objects



Man-made Objects

