

Design Technology Cycle A Y5 & 6

Structures - Frame structures

Lesson 1

How can we use research to investigate different frame structures?

*function
performance
design brief*

Lesson 2

How can we use Tinkercad to practise drawing and manipulating shapes?

*interface
simulation
structure
three-dimensional
(3D) shape*

Lesson 3

What different ways could we make and join supporting 3D structures using wood?

*marking out
measuring
joining*

Lesson 4

How can we design a frame structure to withstand air raids?

*material
strong
reinforce*

Lesson 5

How can we apply our knowledge and skills to create a high-quality frame structure?

*shaping
accuracy
assembly*

Lesson 6

Assessment

How well does our final frame structure meet the design specification, and how effective is it for the intended user and purpose?

*design criteria
evaluation*

What will we be learning about over the coming weeks?