

Design Technology Cycle A Y3/4

Structures - Shell structures

Lesson 1

How can we use research to investigate different shell structures?

shell structure

Lesson 2

How can we use nets with flat faces to construct 3-D shapes?

cuboid

Lesson 3

What different ways could we use to stiffen and strengthen a shell structure?

corrugating

Lesson 4

How can we design a shell structure to withstand mountain conditions?

shell structure

Lesson 5

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

assemble

Lesson 6

Assessment

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

evaluation

What will we be learning about over the coming weeks?