



# Design and Technology Knowledge Organiser



Structures

## Year 3 - To Design and Make a Chair for a Teddy.

Year 3 will be finding out about the 4 different types of structures: shell, frame, solid and combined. They will be studying both natural and manufactured structures around us.

Which one of these is a natural structure? Why?



### Careers

Furniture designer  
Materials Scientist  
Structural Engineer  
Architect  
Mechanical Engineer  
Electrical Engineer  
Project Manager  
DT Teacher

At home:

- Look closely at the furniture in your home? What are they made out of? Is it a good design?
- Why did the designer choose this material? What else did they have to consider when making it?

### Ray Eames (1912-1988)

Ray Eames was an American designer and artist who designed one of the most famous chair designs around the world. She worked closely with her husband to come up with a way to bend wood and design a chair that had curves rather than straight lines.



Ray Eames

