

Research and Design

Cutting and Shaping

Joining and Constructing

Testing and Evaluating



Structures



Textiles



Mechanisms



Cooking and Nutrition



Technical Knowledge





**Structures:** We want our children to know about and recognise different types of structures and how they are designed to be strong.



**Textiles:** We want our children to know about different types of textiles and the different ways in which they can be used, designed with and joined.



**Cooking and Nutrition:** We want our children to understand the processes used in cooking, why a healthy diet is important and where our food comes from.



**Mechanisms:** We want our children to understand different types of mechanisms, how they work and what mechanisms can be used for.



**Technical Knowledge:** We want our children to have a technical understanding which is used to enhance their learning in the four areas above. E.g. knowing that structures can be strengthened by manipulating materials and shapes, can support learning in Year 6 when they are building and designing playgrounds.