Summer Term



The Project Title

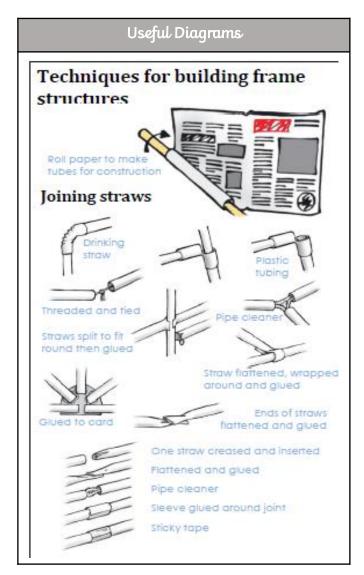
Design, make and evaluate an adventure playground model for children to use for recreation.

What should I already know?

- Experience of using measuring, marking out, cutting, joining, shaping and finishing techniques with construction materials.
- Basic understanding of what structures are and how they can be made stronger, stiffer and more stable

Powerful Knowledge

- Investigate and evaluate a range of existing frame structures
- Carry out research into user needs of existing products
- Create step by step instructions and a list of resources needed
- Use tools to accurately measure, mark out, cut, shape and join construction materials to make frameworks
- Use finishing and decorative techniques suitable for the product
- Use paper straws for creating a free standing structure
- Explore how to reinforce structures to make them stronger



Vocabulary	
horizontal	a line that is parallel to the ground.
vertical	a line that is at right angles to the ground.
frame structure	a structure made from thin components e.g. tent frame.

