

# Y1 D.T. Topic

Structure : **Playgrounds**

v

## Learning Objectives

- To explore the components, materials and features of playground equipment
- To be able to explore different ways of joining and strengthening materials
- To be able to design a piece of playground equipment.
- To be able to make a piece of playground equipment according to a design.
- To be able to evaluate a finished product.

## Key Vocabulary

**Structure**- anything that has been built

**Material**- the matter (stuff) from which a thing is or can be made

**Component**- one of the parts of something

**Join**- link or connect two or more things together

**Strengthen**- make something stronger

## Knowledge We Will Acquire

- The simple working characteristics of materials and components
- How freestanding structures can be made stronger, stiffer and more stable
- Technical vocabulary relating to structure

## Skills We Will Acquire

- Building simple structures, exploring how they can be made stronger, stiffer and more stable
- Using a range of materials and components
- Measuring, marking out, cutting and shaping materials and components
- Assembling, joining and combining materials and components
- Beginning to use simple finishing techniques to improve the appearance of a product

### Playground Equipment



### Joining Methods

