

# Woodwork Knowledge & Skills Organiser: Year 1

**What we already know:** I can attach pieces of wood together with nails and screws.

- I can make a piece of wood shorter by sawing it.
- I can use a vice to hold my wood.
- I can rub sandpaper on a rough edge to make it smooth.
- I use a hammer to attach nails and a screwdriver to attach screws
- Sometimes I need to use longer or shorter nails. Shorter nails are usually easier to hammer in.
- Balsa wood is a soft wood.

## **Key Vocabulary:**

Pliers  
Claw hammer  
Buttress  
Flange  
Slot  
Base  
Freestanding  
Structure  
L-brace

## **What we are going to learn:**

- Select and use from a range of tools to perform a practical task.
- Ways of strengthening and attaching material using a buttress, flange, slot, L-brace.
- Pine is a hard wood.
- That hard wood can be used to build stronger structures.
- How to use claw hammers to take nails out and adjust designs.

What we are going to learn next time:

- How to make a hole with a palm drill.
- How to join a wheel to an axle with wood.
- Axles need to join a wheel in a specific place to work effectively.
- Axles can be fixed or free moving and joined in different ways.
- How to use a screwdriver to screw two pieces of material together.