



# Dig Deep!

## How can I cut and join wood safely to make a frame?

### 1. What is the purpose of a photo frame?

A picture frame is a **protective and decorative edging** for a picture, such as a painting or photograph. It makes displaying the work safer and easier and both sets the picture apart from its surroundings and aesthetically integrates it with them.

### 4. Can I use the tools safely to join wood together to create a frame?

Hacksaws and cutting block to cut the wood safely.

Glue gun to join the wood together, or other materials such as felt and sponge (for the seat).

Ruler measure and cut materials.

### Key Vocabulary

**Strengthen** make or become stronger.

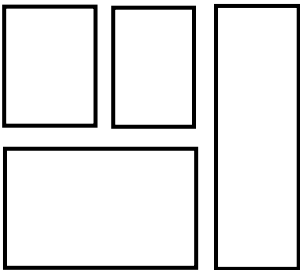
**Stiffen** hard, inflexible

**Innovative** introducing new ideas

**Functional** having a special activity, purpose, or task.

**Appealing** attractive or interesting.

### 2. What do I want my frame to look like? How will I join the wood?



Glue gun to join the wood together, or other materials.



### 3. Can I use the tools safely to measure and cut?

Do not walk around the classroom when you or your team are using the tools.

Make sure you keep your fingers and hands away from sharp blades.

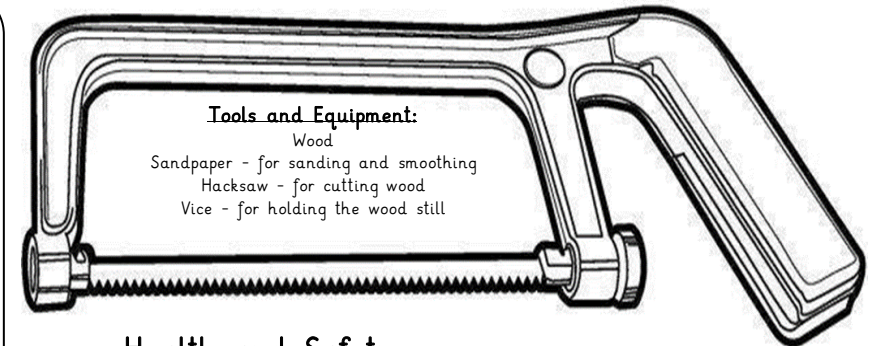
Ensure you keep your fingers and thumbs away from hammers.

Be aware of everyone around you when we are using the tools.



### Applying Past Knowledge

This learning links with the lessons you had in year 2 where you prepared and made houses using a strong structure



### Tools and Equipment:

Wood  
Sandpaper - for sanding and smoothing  
Hacksaw - for cutting wood  
Vice - for holding the wood still

### Health and Safety



Do's

- Tie long hair safely away from your face.
- Hold all objects pointing down.
- Use a ruler to measure accurately.



Don'ts

- Do not travel around the room with tools.
- Do not touch the glue gun unless an adult says you can.

