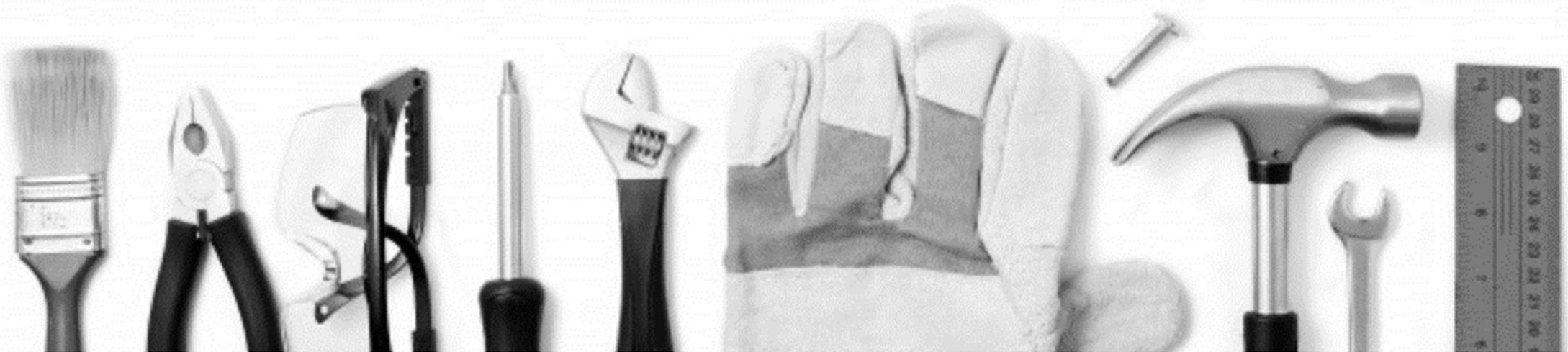


Practical Woodwork: Week 3

Material Knowledge



In class we have spoken about a wide number of natural and man made materials.

The next few tasks are designed to refresh your memory of this information and build on what we already know



There are 3 categories of wood

Softwood

- These come from coniferous trees.
- They have needle like leaves (like Christmas trees)
- They grow quickly (approx. 30 yrs)
- They commonly grown in farmed forests in the UK

Manufactured board

- These are made from the scraps of the wood produced when trees are processed into timber.
 - They are an eco-friendly alternative to timber
- They are available in large sheets which makes the perfect for bigger projects
 - They don't look as good as natural timbers so will need a finish like paint or laminate.

Hardwood

- These come from deciduous trees.
- They have big broad leaves
- They grow slowly (approx. 100+ yrs)
- They grow in the rainforest but can also be seen in our parks and gardens



Task 1: Search online and identify 3 softwoods, hardwoods and manufactured boards

Softwood

- 1.
- 2.
- 3.

Manufactured board

- 1.
- 2.
- 3.

Hardwood

- 1.
- 2.
- 3.



Task 2: Answer the questions below about softwoods

Softwood

1. Softwoods are usually cheaper than hardwoods. Why do you think this is?

2. Softwoods grow in farmed forests. What does this mean?

3. Which of the following are softwoods

Oak

Spruce

Birch

Redwood

Maple

Mahogany

Pine

Ash



Task 3: Answer the questions below about softwoods

Hardwood

- 1. Many hardwoods can be found in the rainforest. What impact will cutting these trees down for timber have on the environment?**
- 2. Hardwoods are usually expensive compared to softwoods so we try to make a feature of them in projects. Name 2 appropriate finishes that will allow you to make a feature of the wood.**

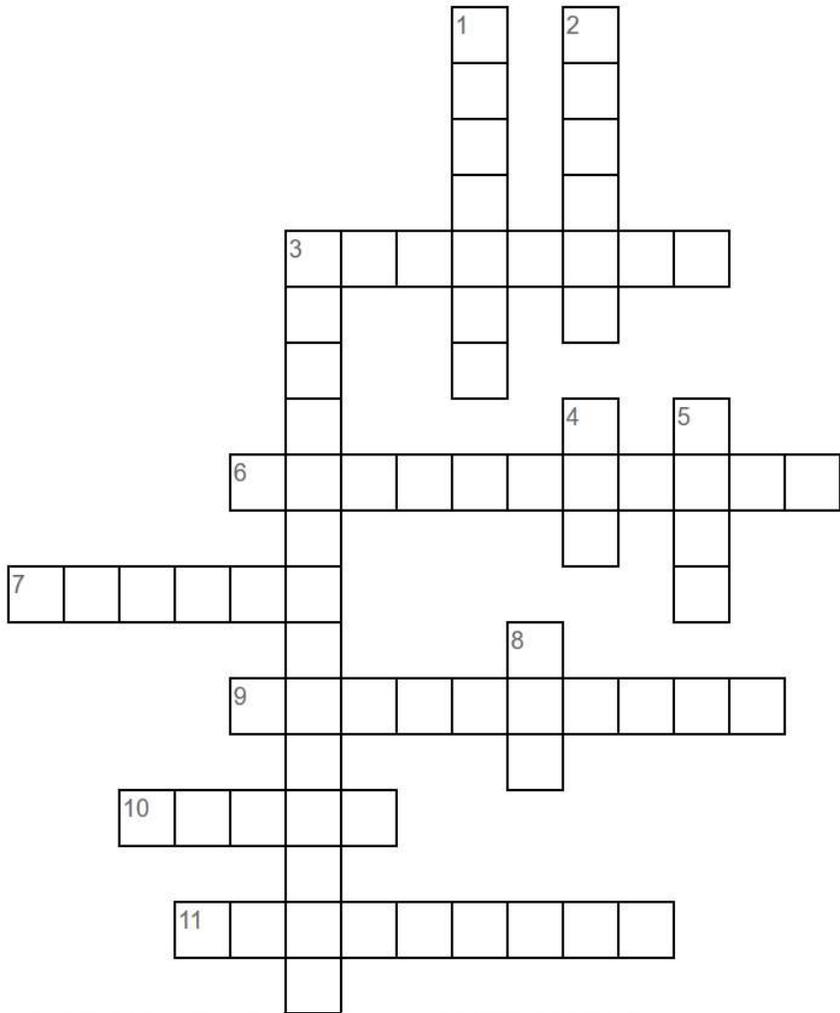


Task 3: Answer the questions below about softwoods

Manufactured Boards

- 1. Name two advantages and two disadvantages of using a manufactured board.**
- 2. State the name of a suitable finish for manufactured boards and explain your choice**





Name the machine tools below or identify the materials described to complete the crossword

Across

3. Name a dark coloured hardwood

7. Light- coloured softwood



Down

1. Manufactured board made up of thin layers of wood

2. *



3.



4. A manufactured board made up of tiny specs of wood dust glued together

5. The most common softwood

8. Common Hardwood

