







Subject: Design Technology

Year: 8 Teaching block: 5

Topic: Working with Timber

Assessment week: 18th Mar

During this topic you will develop and demonstrate the following PLTS:

Creative thinker ✓		Team player ✓	
Reflective learner ✓		Effective participator ✓	
Independent enquirer ✓		Self-manager ✓	

What I will learn?

Definitions for material properties

Timber types (recap) and wood joints

To develop designing skills by designing in the theme of nature

Manufacture a wooden container with lap joints

How to select and use workshop tools and equipment safely

Key vocabulary for this topic:

Toughness	Lap Joints
Elasticity	Butt Joints
Hardness	Dovetail Joints
Durability	Finger Joints
Stability	Marking Gauge
Conductivity	

Independent learning

Create a mood board on the theme of nature – to be used next lesson

Create a table of types of timber around the home. Explain why they may have been used.

Create your own revision material on all of the topics covered in this teaching block

Revision

What will the best students be able to do/understand by the end of the topic:

Give and explain definitions for material properties

Be able to name and explain timber types and wood joints

Demonstrate high quality designing in the theme of nature

Manufacture a wooden container with lap joints

Be able to select and use workshop tools and equipment safely