



6th Form no RM
yr10 and 11
Autumn Term
Project

Pathway 2/3/4

**Subject: Design Technology (Resistant Materials)
Introduction to NCFE Entry Level (3) Award in
Creative Craft (construction)**

Learning Intention: NCFE Entry Level(3) Award in Creative Craft (construction) This unit is an introduction to students who did not do resistant materials in year 10 and 11 to teach them how the NCFE system works and is about making an art or craft product and all the materials, tools and safety procedures needed to create it and evaluate it to the accredited criteria.

Key knowledge that should be learned during this SoW

All

Most

Some

Concept:

This is the entry level qualification of the NCFE Pathway leading on to a level 1 qualification .This first part focuses on the Student becoming familiar with wood as a material and the tools and processes to turn it into a product .This all has to be done using the workshop and tools safely .

Knowledge:

All students should be able to select the main tools and equipment to be used for the craft product.

All students will be able to explain how to prepare and make the product with assistance

All students work safely.

Most students will be able to name the different tools and materials to be used for the craft products.

Most students should be able to prepare for the work area and make the product with little assistance..

Most can use the tools and work in the workshop safely.

Some students will be able to name the different tools and their uses .They will also be able to name the categories and characteristics of the material.

Some students will be able to set up their workspace materials and tools Independently.

Some students will make their craft product safely and independently.

<p>Key Skills:</p>	<p>To know the names of different wood categories and some of the individual woods for the product .To know some of the tools names to make the product- To know how to create the product and joints needed</p>	<p>To know the different wood categories and characteristics . and most of the tools and processes to make the product .To know the different processes to make joints in the product, and work safely in the workshop</p>	<p>Some of the students will be able to state the wood categories, characteristics and properties of the wood.To use the tools safely and correctly . To make a complete accurate product with accurate joints using safety rules</p>
<p>Language and/or communication skills:</p>	<p>Soft wood : Pine ,Douglas Fir,Canadian Redwood,Spruce</p> <p>Construction ,toys, furniture and paper.</p> <p>Hardwood: Oak,Ash,Beech ,Birch,Mahogany.</p> <p>High end furniture and finishes in construction Frames,doors.</p> <p>Manufactured Board: MDF,Plywood,Chipboard.</p> <p>Boxes,cupboards,floors, panelling,construction.</p> <p>Tenon saw,coping saw trisquare ,steel ruler,g clamp chisel,mallet marking gauge.</p> <p>Joints butt joint,lap joint and housing joint.</p>		
<p>Curricular Links</p>	<p>Links to other learning within the subject are: Science and maths and geography ,history</p>		