DESIGN AND TIMBERS LEARNING JOURNEY

YEARS 9 - 11

Sixth Form?
College?
Apprenticeship?

GCSE EXAM

GCSE Timbers assessment hand in

Revision for the exam

Making a GCSE PORJECT

Testing the final product

Evaluation of making and suitability

Making list

Card modelling

Design development

Review ideas

Product analysis

Client group

Production planning

Mock exam

Initial ideas

YEAR 11

Physical characteristics and properties

Different joints

assembly

Tools and equipment

GCSE assessment introduced

Seasoning - timber

Stock forms/types/ size

Wood finishes

Cutting list

Calculating an area

Introduction to the assessment brief

mindmap

Timbers

3d Drawing

Forces/stresses

Scales of production- one-off / batch/mass/continuous

Life cycle

Final design

Exploded views

Phone holder brief

Ergonomics

Plastics

Metals- ferrous / no-ferrous

Generation of power- fossil, renewable, Biofuel, nuclear power

sustainability

Strengths & improvements in modelling and testing

Design ideas

Design brief

YEAR 10

Designing of the clock

Modelling of the clock idea

Final design of the clock

CAD design

Spelling test for design

Evaluation of the final design

Designs of clocks

Why are TRFs valuable and how do we use them?

Isometric drawing

Drawing and blending

Designers

Health and safety

YEAR 9

Numeracy

Oblique drawing

Designer research h/w

Key words For the subject

Skills project

welcome

" Creativity is intelligence having fun" Albert Einstein