

## PCHS Curriculum Information

<b>Course Title:</b> GCSE (9-1) Design & Technology: Timbers	<b>Exam Board:</b> Pearson Edexcel	<b>Specification Code:</b> 1DT0
<b>How will students be assessed?</b> <b>Examination = 50 % of total GCSE qualification (Unit 1DT0 /01)</b> Students will sit a one and a half hour examination at the end of the course in Year 11  Exam content: <ol style="list-style-type: none"><li>1. CORE unit of work which is comprised of learning that includes knowledge gained from all areas of the Technology curriculum</li><li>2. Specialist chosen area: TIMBERS</li></ol> <b>None examined unit (NEA) – similar to coursework (Unit 1DT0 /02)= 50% of total GCSE qualification</b> Students produce their NEA that consists of a digital folder of creative work and a 3D made product/ series of prototypes.		

### KEY CONTENT

#### Half Term 1 & 2

##### Task 1: Skills demonstration

Jewellery Box production

- Marking out
- Permanent and non-perm joining techniques
- Machining, power tools & hand tools
- Finishing techniques

Students will also be taught the exam content/ theory work for their specialist chosen area of Timbers on a minimum of one lesson per week

#### Half Term 3 & 4

##### Task 2 – NEA practice work

Research techniques and presentation using ICT

Product analysis and investigation

Initial design and development work

Product evaluation techniques

Students will also be taught the exam content/ theory work for their specialist chosen area of Timbers on a minimum of one lesson per week

#### Half Term 5 & 6

##### Task 3 – Design & Make

Storage unit design work followed by product manufacture

Students will also be taught the exam content/ theory work for their specialist chosen area of Timbers on a minimum of one lesson per week

Students will be provided with a range of briefs for their NEA on the 30<sup>st</sup> July 2021. Research and analysis will be done on this until the first lessons of year 11 in 2021.