

## PCHS Curriculum Information

<b>Course Title:</b> Product Design	<b>Exam Board:</b> Edexcel	<b>Specification Code:</b> 9DT0
<b>How will students be assessed?</b>  <b>Principles of Design and Technology = Exam that is 50% of the qualification</b> A two and a half hour exam with the use of a calculator. The paper includes calculations, short-open and open-response questions, as well as extended-writing questions focused on: <ul style="list-style-type: none"><li>• Analysis and evaluation of design decisions and outcomes, against a technical principle, for prototypes made by others</li><li>• Analysis and evaluation of wider issues in design technology, including social, moral, ethical and environmental impacts.</li></ul> <b>Non Examined Assessment (NEA) = 50% of the qualification</b> Students produce an NEA that consists of a design folder along with a finished 3D made product or range of products. This work must be produced in consultation with a client.		

<b>KEY CONTENT</b>
<b>Half Term 1</b> <b>NEA production</b> Working drawing completion & planning the making  <b>Exam preparation</b> Topic 8 : Features Of manufacturing Industries Topic 9 : Designing for Maintenance and the cleaner environment
<b>Half Term 2</b> <b>NEA production</b> Product Manufacture  <b>No Exam preparation will take place during this half term</b>
<b>Half Term 3</b> <b>NEA production</b> Product Manufacture completion Evaluation and Testing submitted by the 5 <sup>th</sup> March 2021  <b>Exam preparation</b> Topic 10 : Current Legislation Topic 11 : Information handling, modelling and forward planning
<b>Half Term 4</b> <b>Exam preparation</b> Topic 12: Further processed and techniques

Practice papers and exam preparation work will begin

**Half Term 5**

**Exam preparation**

Practice papers and exam preparation work will continue