

PCHS Curriculum Information

Course Title: Product Design	Exam Board: Edexcel	Specification Code: 9DT0
How will students be assessed? Principles of Design and Technology = Exam that is 50% of the qualification 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: • Analysis and evaluation of design decisions and outcomes, against a technical principle, for prototypes made by others • Analysis and evaluation of wider issues in design technology, including social, moral, ethical and environmental impacts. Non Examined Assessment (NEA) = 50% of the qualification 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.		

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