Northallerton School & Sixth Form College
Being the best we can be

Year 13 Product Design

A-Level product design enables students to participate successfully and with confidence in an increasingly technological world. They will learn from the wider influences on the subject, including historical, social, cultural, environmental and economic factors.
Study will focus on:

- Core technical and designing and making principles, in the context of either fashion and textiles or product design.
- Developing additional specialist knowledge in relation to a student's chosen area, preparing them for progression into either higher education or careers in this sector.

Methods of deepening and securing knowledge:	
Revisiting prior learning	Practical sessions are used as opportunities to revisit prior learning. Before students embark on a piece of practical session, they are reminded of the links to the key theory covered in the course. The practical work itself allows students to apply their prior learning in real-life contexts, which helps to secure students' understanding.
Spaced-practice	Spaced-practice in design technology/engineering involves students reviewing material over a long period of time. This gives their minds time to form connections between the ideas and concepts so knowledge can be built upon and easily recalled later. Independent study is used to encourage students to revise learning that has been covered so far in the course. Regular revision activities, such as low-stakes tests, are also used as spaced-practice strategies.

	Autumn term 1	Autumn term 2	Spring term 1
Topic(s)	**NEA & Theory**	**NEA & Theory**	**NEA & Theory**
Assessment	Assessment against NEA relevant sections throughout with generic feedback as rules of Exam board. Theory of knowledge and understanding assessed in related examination question testing and through dialogue.	Assessment against NEA relevant sections throughout with generic feedback as rules of Exam board. Theory of knowledge and understanding assessed in related examination question testing and through dialogue.	Assessment against NEA relevant sections throughout with generic feedback as rules of Exam board. Theory of knowledge and understanding assessed in related examination question testing and through dialogue.

CEIAG *(Careers that are linked to that topic)*	Careers linked to research, design and analysis and careers in product design that may involve making prototypes.	Careers linked to research, design and analysis and careers in product design that may involve making prototypes.	Careers linked to research, design and analysis and careers in product design that may involve making prototypes.

	Spring term 2	Summer term 1	Summer term 2
Topic(s)	**NEA & Theory**	**Revision & Exam preparation**	
Assessment	Assessment against NEA relevant sections throughout with generic feedback as rules of the exam board. Theory of knowledge and understanding assessed in related examination question testing and through dialogue.	Through examination modelling of answers and student response to identified areas of need.	
CEIAG *(Careers that are linked to that topic)*	Careers linked to research, design and analysis and careers in product design that may involve making prototypes.	Careers linked to research, design and analysis and careers in product design that may involve making prototypes.	Careers linked to research, design and analysis and careers in product design that may involve making prototypes.

Independent Study
Students in Year 12 and 13 have access to the course materials through Google Classroom. Independent study is accessible through this platform and is given at a rate of usually once every lesson. Independent study is generally used to secure prior learning through practice to develop confidence and memory.