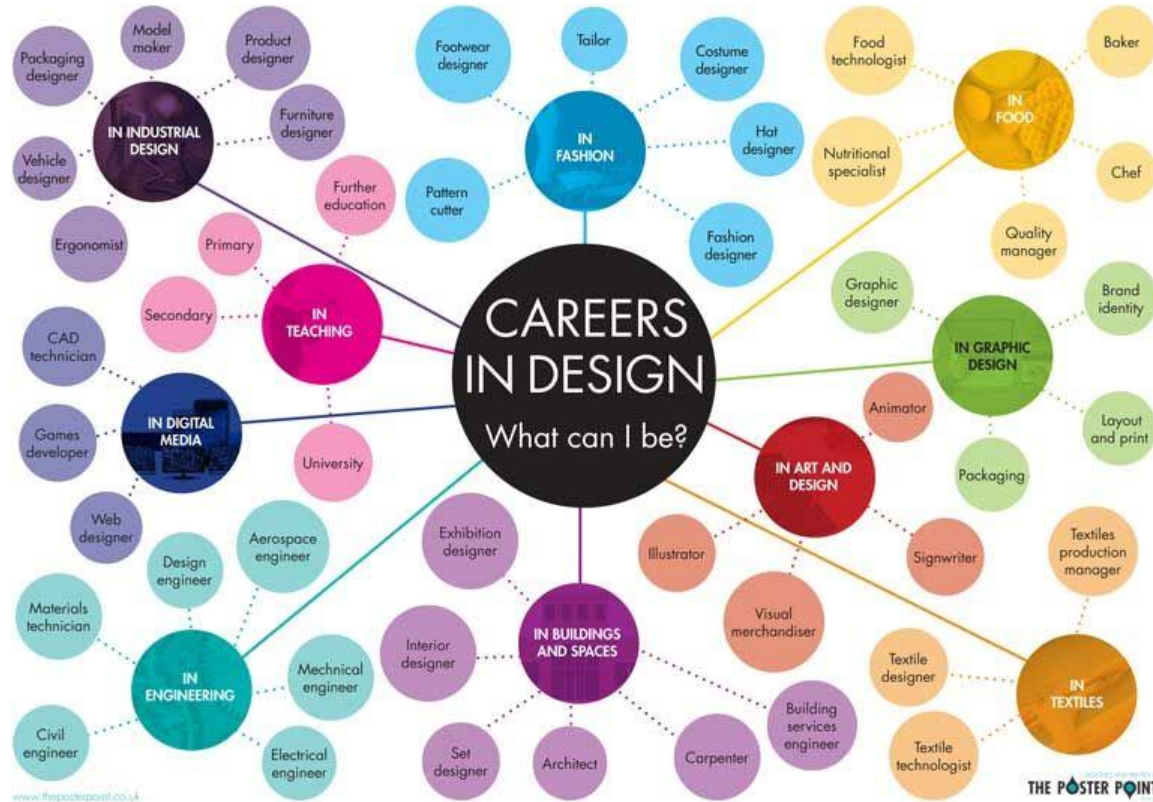GCSE
Design and
Technology

Why study

- Design and Technology is the gateway to many careers it is a combination of practical skills, mixed with a thrust for knowledge and quizzical nature. If you have thought about any of these jobs this could be the course for you.
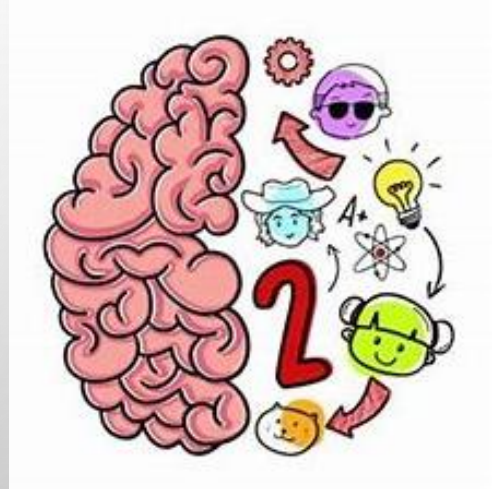
Outline of the course
The course is split 50% theory examination and 50% NEA

During Year 10 you will build up a range of design and make skills covering the GCSE Design and Technology specification. This will encompass a full range of materials and processes.

By choosing Design and Technology you will have the option to focus during Year 11 on your chosen skill set for the Non-examined Assessment. It will incorporate either product design or graphical skills specifically. But will also include core skills, communication, sketching, modelling and evaluation, This will begin in June of Year 10 and be completed by spring of Year 11.

A final written theory paper is taken at the end of Year 11 worth 50% of your qualification, the focus of this will be on environment issues, materials and manufacturing.

Outline of the course
The course is split 50% theory examination and 50% NEA

NEA Assessment covers the 6 objectives:

AO1: Identify, investigate and outline design possibilities to address needs and wants.

AO2: Design brief specification.

AO3: Generating Ideas.

AO4: Developing design ideas.

AO5: Realising design including:

Technical principles

Designing and making principles

AO6: Analyse and Evaluate:

Design decisions and outcomes.

Who should choose this and why

- You want to develop practical skills?
- Do you question how things work and can it be better?
- Can you create something from nothing?
- Do you know what people need and what they want?
- You enjoy a challenge and have a can-do attitude
- Interest in materials and manufacturing
- Like to draw, use computers and make?
- Communicate and question everything?
- Can you put as much effort into learning how things are made and not just make?
- Keen problem solver with an eye for detail?
- Never gives up.
- Looking for the next big thing.
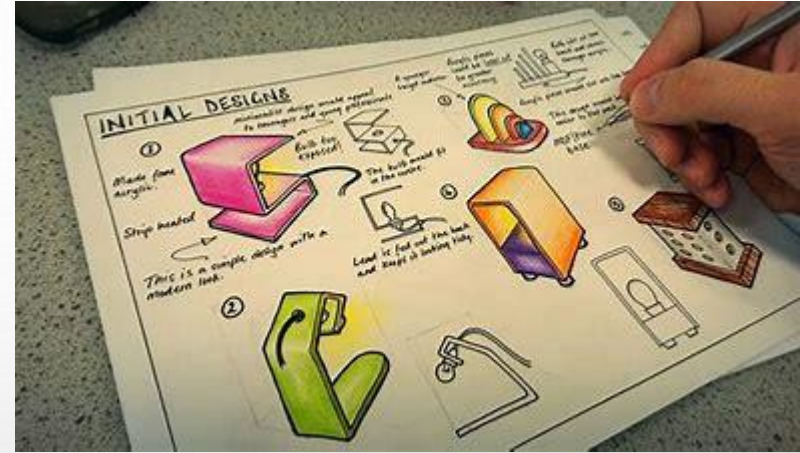
Current students

Quotes from students

"Great to get hands on experience",

"Making was scary at first but a real confidence booster when you get it to work"

"Really enjoy seeing my creations come to life"

"The teachers are so supportive they kept explaining until I understood"