

DESIGN AND TECHNOLOGY GCSE





Why choose Design and Technology?

What do you learn?

Core technical principles

- Learn how to make effective design choices
- Discover new and emerging technologies
- Understand materials and their working properties
- Systems approach to design



- You will develop a deeper understanding of at least one material area and additional knowledge in a second material
- Timber and polymers
- An element of Maths (15%) and Science (10%)

Designing & making principles

- Develop your understanding about the stages of designing
- Problem solving skills
- New technical drawing skills and CAD



How is Design and Technology assessed?





Written Paper

o 2 hours

o 100 marks

Assess your theoretical knowledge



50%

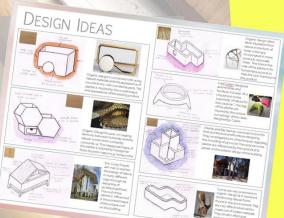




Coursework

Non-examined assessment

A design and making task



Non-examined assessment



Produce a portfolio of work, a final model and several prototypes to support your design

Starts in June of Y10 after AQA release context questions runs until March

into this light may be difficult. Also another eature could be added

Farly April marks are submitted to exam board

| Used the soft reamlined design in the final motorbide in the soft reamlined design in the final motorbide in the soft reamlined design in the soft reamlined in the soft reamlined design in the soft r

MMARY: The teardrop shape is a big part of streamline design and if I were to choose

eative shade. The

DESIGN IDEAS: Streamlined design - Movement

mild sell of ath of the present Curves are very promotion of particle steps ent the flowing natural forms found in the environment. They are very effective but hard to create out of certain materials. They are also often and anywards thape to fit into the use's desired environment.

Non-examined assessment





The curved walls

straight wall

lowever it may

spired this lamp

of this building

used the domes and

straight walls of the

National Congress of

more functions and a therefore more

nade orsimple rectangleshapes and so

would be relatively simple, in terms of

pex so to access the product to serve event functions such at growing seeds

AD model was easy to create as it is

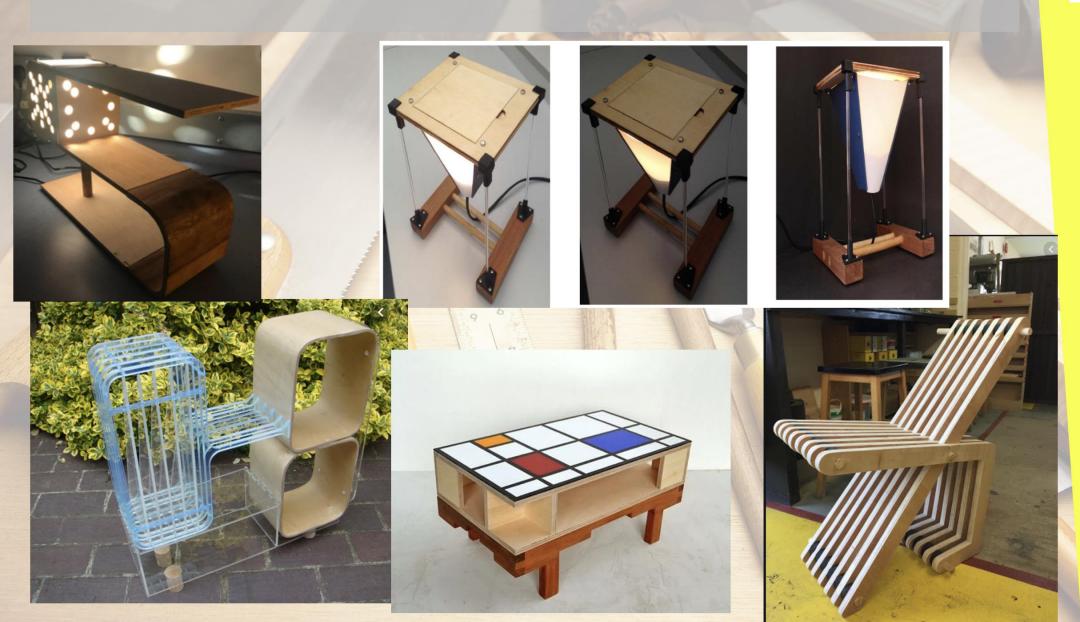
Laing CAD it has become evident that it is a very versitile shape is other features can eatily be added for decoration or for a

The joints would be quite difficult as the planter's not made with 90° angles so

you can't easily make mitre, finger or

Final Products





Where can GCSE Design & Technology take me?





→ Construction and Carpentry

→ Product Design

→ Engineering

→ Game Design

→ Fashion Design

→ Film, TV and Stage production

→ Web/App Designer

→ Project Manager

Entrepreneur/Inventor

→ Graphic Designer
And many more...

