**AQA DESIGN AND TECHNOLOGY GCSE**

|  |  |  |
| --- | --- | --- |
| Exam Board: **AQA** | **1 Paper (worth 50% overall)**2 hours long100 Marks (includes extended writing) | https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552 |

https://www.aqa.org.uk/resources/design-and-technology/gcse/design-and-technology/teach/subject-specific-vocabulary

Keys words to understand…

Automation

Client

Commercial process

Commercial product

Conceptual stages (of design)

Continuous improvement

Co-operative

Crowd funding

Ecological

Ethics

Fabricate

Finite

Functionality

Fusibility

Iterative design

Lean manufacturing

Life cycle assessment

Market pull

Mechanical device

Nesting

Physical properties

Planned obsolescence

Primary source

Primary source (of materials)

Product

Prototype

Schematic diagram

Social footprint

Social responsibility

Stock form

Technology push

Tolerance

User

User centred design

Working properties

**Planning**

Help them to organise their ideas and plan a response. Encourage them to do the following:

1. Read the question and highlight the key words to establish what you are being asked to do
2. Consider what the question is asking you and how many marks it is worth – this will determine how long the response should be
3. Note down what you want to include in your answer and use numbers to divide these into paragraphs – check these off as you are writing to ensure you have included everything you planned.

**Timed Writing**

Once your child feels confident and has practised in untimed conditions, help them by timing them to write paragraphs extended writing. An 8 mark question should take 10 minutes in the exam and be 2 paragraphs long, for example. Give them 5 minutes to write 1 paragraph.

**What you can do…**

* Test your child on the key words that will feature in their exam questions
* Check they have completed the notes for the exam and encourage your child to read through their notes to take into the exam
* Check they have completed the mapping sheet and encourage them to read through it to familiarise themselves with the content
* Quiz your child using questions from BBC Bitesize.
* Test your child using the link at the top of this page to find past exam papers and questions.

**Revision Booklet**

Your child will be given a detailed **revision booklet** to make sure that they have knowledge of all the areas they need to in order to answer questions in the exam. They should use this as a revision tool and for when they are completing practice questions as it will guide them in the information to use.