

## GCSE Product Design

**Exam Board studied:** AQA

**How course is assessed:** Exam Is 40% and the controlled assessment coursework is 60%. (The coursework consists of a portfolio of work following the design process and a practical outcome. The exam duration is 2 hours.

**Date of Exam(s):** 22<sup>nd</sup> June 2018 – 2 hours. (am)

**Link to past papers:**

Question Paper - <http://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2016/june/AQA-45551-QP-JUN16.PDF>

Mark Scheme- <http://filestore.aqa.org.uk/sample-papers-and-mark-schemes/2016/june/AQA-45551-W-MS-JUN16.PDF>

**Link to specification:** <http://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-product-design-4555>

**Link to suggested revision guide:** Students have been asked to purchase revision guide. However these are also available from the link below.

[https://www.amazon.co.uk/dp/1906415552/ref=pd\\_luc\\_rh\\_sbs\\_02\\_04\\_t\\_img\\_lh?\\_encoding=UTF8&psc=1](https://www.amazon.co.uk/dp/1906415552/ref=pd_luc_rh_sbs_02_04_t_img_lh?_encoding=UTF8&psc=1)

**Any other suggested materials:** GCSE Bitesize, Design and Technology App on Play store

**Revision techniques:** Making notes, Mind maps of key points, Watch videos on subject area. Answering exam questions, looking at expected answers of exam papers.

**Date coursework must be completed:** Monday 26<sup>th</sup> March 2018

**After school/lunchtime revision day and times:** Period 6 on Tuesdays for those students selected.

**Other important information:**

The exam consists of 120 marks. The first 30 marks in Section A are based on a given theme which students will be informed of approximately 2 months before the exam. This allows the student to prepare by researching this theme. In class the teacher will go through any possible questions which may arise based on past papers and their own experience. This preparation will allow students to enter the exam having obtained specific knowledge on this area.

Revision each week using the revision guide throughout the course is good preparation for the exam. This includes answering the questions in the workbook provided to students

### **AREAS OF STUDY FOR REVISION**

Materials and Components

Classification and working properties of materials

Design and Market Influences

Evolution of Product Design

Product development

Communication and representation of ideas

Design Methodology

Packaging

Product marketing

Human factors

Safety

Quality

Ethical, Environmental and

Sustainability Issues

Consumer issues

Processes and Manufacture

Processes and Manufacture

Product Manufacture

Industrial and Commercial Practice

Methods of production

Manufacturing systems

Use of ICT (Information and

Communication Technology)