

The **Design and Technology** department at SHSB considers the following criteria to be important in defining what is meant by being More Able and Talented in Design and Technology.

- Work comfortably in contexts beyond their own experience and understand users' and clients' needs and wants.
- Be able to rigorously identify and analyse relevant products
- Skilful processing of information as shown through deep thinking response to class questioning and work. E.g. looking at organisational structures and matching roles to departments.
- Able to model using abstract ideas or convert abstract ideas to a simple understandable model e.g. when studying motivational theories.
- Be perceptive to aesthetic, social and cultural issues when designing and evaluating
- Demonstrate various ways of working or applying different approaches to issues
- Strong numerical skills.
- Display high-quality making and precise practical skills
- Have flashes of inspiration and highly original or innovative ideas
- Demonstrate high levels of technological understanding and application

### **Enrichment Opportunities**

- Leonardo Galileo robotics competition
- Edexcel Workshops
- Guest Speakers
- Factory visits
- Internal / External Design Competitions
- Year 9 and 10 Robotics Club

Revision

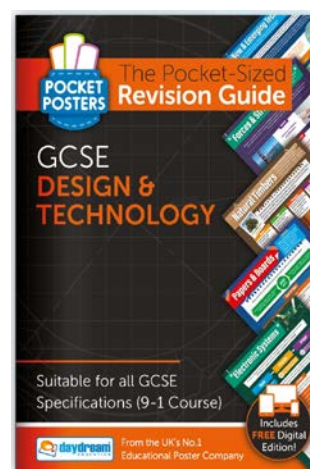
<https://www.amazon.co.uk/Design-Technology-Complete-Revision-Practice/dp/0008535019>

### **Books**

<https://www.amazon.co.uk/AQA-GCSE-Design-Technology-8552/dp/1910523100>

[https://www.amazon.co.uk/GCSE-Design-Technology-Pocket-Posters/dp/B07J5LLGXQ/ref=pd\\_lpo\\_sbs\\_14\\_img\\_0?\\_encoding=UTF8&psc=1&refRID=603FN9910KGZ2WGR6ZFY](https://www.amazon.co.uk/GCSE-Design-Technology-Pocket-Posters/dp/B07J5LLGXQ/ref=pd_lpo_sbs_14_img_0?_encoding=UTF8&psc=1&refRID=603FN9910KGZ2WGR6ZFY)

<https://www.amazon.co.uk/Design-Technology-Complete-Revision-Practice/dp/0008535019>



### **Websites:**

<https://www.aqa.org.uk/subjects/design-and-technology/gcse/design-and-technology-8552>

<https://www.bbc.com/bitesize/examspecs/zb6h92p>

<http://www.technologystudent.com/>

<https://senecalearning.com/en-GB/>

<https://www.autodesk.co.uk/products/fusion-360/overview?term=1-YEAR&tab=subscription> (Free with Educational licence)

### **Apps**

