**How You Can Help Your Child Revise Effectively in Y10 AQA GCSE Design and Technology**

For some of our students, formal exams have been something they have not completed regularly or at all. We are aware that all students have had significant disruption over the last two years. In order to support you to support them effectively at home, we would like to give you the following information:

The Topics your child will be tested on are:

* 1.1 – New and Emerging Technologies
  + Automation/Robotics/CNC
  + Planned Obsolescence
  + Inclusive Design
  + Continuous Improvement
  + Lean Manufacturing
  + Technology Push/Market Pull
  + Society/Fashion/Culture
  + Co-operatives
  + Finite/Non-finite Resources
* 1.2 – Energy Generation and Storage
  + Renewable Energy
  + Finite/Non-finite Sources
  + Batteries
  + Kinetic Energy Storage Systems
* 1.3 – Developments in New Materials
  + Modern Materials
  + Smart Materials
  + Composite Materials
  + Technical Textiles
* 1.4 – Understanding a Systems Approach When Designing
  + Input Devices
  + Microprocessors
  + Output Devices
  + Design Collaboration
  + User-centred Design
  + Design Fixation
* 1.5 – Mechanical Devices
  + Different types of Motion
  + Classification of Levers
  + Linkages
  + Pulleys
  + Gears

Recommended revision sites/resources:

* Theory file from class
* GCSE BBC Bitesize AQA GCSE D&T Core Technical Principles : <https://www.bbc.co.uk/bitesize/topics/zkcpkmn>
* FROG

.

Hints and Tips:

* Use a range of techniques
* Make mindmaps
* Make flashcards
* Carryout independent research
* Read through work and make notes
* Read through text and write down as much as you can remember
* Start revising early!!!

All end of year exams will take place between Monday 13th June and Thursday 23rd June for Y10.