

Design & Technology Key stage 4

I will be developing my understanding of new and emerging technologies and their potential impacts on the environment. I will take into account the way products may be designed for planned obsolescence and the issues of sustainability in design.

Key Learning Question	Notes	Self-assessment	Revised
Industry and Enterprise- Understand the impact of new and emerging technologies on the design and organisation of the workplace and tools and equipment.			
Sustainability and the Environment- Understand that new technologies need to be developed and produced in a sustainable way.			
People, Culture and Society- Understand how new products can have both a positive and negative impact on society.			
Production Techniques and Systems- Understand contemporary and potential future use of automation, Computer Aided Design (CAD) and Computer Aided Manufacturing (CAM).			
Informing Design Decisions- Be able to evaluate the advantages and disadvantages of planned obsolescence from different perspectives.			
Unit Assessment			
How do I revise for an assessment? (Study skills).			

Key Skills

- Understand developments in design and technology its impacts on individuals, society & the environment.
- Note taking.
- Linking topics.
- Revision techniques.

Key words

Technology
 Design
 Sustainable
 Impact
 Society
 CAD/CAM
 Evaluation
 Analysis

Target grade: _____

Working at grade: _____

Targets to improve:

1)

2)