

**Faculty : Technology**

**Subject : Design and Technology - Year 7**

**Faculty Introduction:**

Design and Technology in Year 7 will follow a varied programme of study to cover all aspects of the ever-evolving National Curriculum for Technology.

Year 7 students concentrate initially on understanding how to adhere to health and safety in three Technology areas they focus on understanding equipment and machinery and how to use them correctly and safely.



**Topics/Modules to be covered in the year:**

**In Food Technology- Hygiene and safety**

- Health and safety in the food room
- Knife skills - fruit salad
- Sensory evaluation
- Vegetables - Ragu product
- Cross contamination- Dealing with chicken
- Eat well plate- Practical: Pasta, Rock cakes

**In Textiles - Appliqué book covers**

- Health and Safety in the Textiles room
- Using the sewing machine
- Hand stitching techniques
- Sample making

**In Product Design – Mini Pinball games**

- Health and safety in the workshop
- Using hand tools
- Understanding natural and pre-manufactured woods
- Understanding how to use CAD/CAM
- Laser cutting

**Assessment:**

Each module of work is assessed using the National Curriculum levels for the relevant topic areas being covered.

**Homework expectations/key deadlines:**

In each area of technology students are given a homework book that is intended to support the work started in lesson. Homework is given and marked every two weeks.

**Enrichment activities/revision sessions:**

KS3 Technology club runs on lunchtimes

**Useful websites for revision/revision guides/exam boards:**

[www.technologystudent.com](http://www.technologystudent.com)

[www.designandtech.com](http://www.designandtech.com)

[www.howstuffworks.com](http://www.howstuffworks.com)

[www.techitoutuk.com](http://www.techitoutuk.com)

<http://www.instructables.com>