

DESIGN TECHNOLOGY

KS3 (Design Technology, Food, Textiles)

Curriculum Purpose

Year 9 is an exciting time as you will again get to experience all 3 areas DT, food and textiles for a final time and get the opportunity to choose which areas you would like to specialise in for your GCSEs in year 10 and 11. You will continue to build on and develop your design and practical skills in each subject area this year and by the end of year 9 you will have acquired all the skills and knowledge to set you up to succeed on GCSE courses and further study in any of our exciting subject areas.

YR9



Curriculum Topics

- **Design Technology**
Design a picture frame or mirror. In this project you will improve your Computer aided design skills looking at 2d and 3d CAD and also using the laser cutter to produce a high quality finished product. You will continue to develop your designing and manufacturing skills to set you up for GCSE.
- **Food**
Foods from around the world. In food this year you will continue to increase the complexity of what you can cook whilst looking at dishes originating in different countries and cultures from around the world. You will build on your understanding of food safety and handling high risk foods.
- **Textiles**
Printing, stencilling and embellishment techniques. You will explore and evaluate different techniques to produce exciting and vibrant designs.



When and how assessment of learning will happen



Assessment will be ongoing throughout the project. Students will receive verbal feedback as they progress through tasks and overcome problems and challenges within their learning. They will be encouraged to reflect on success and problems that they themselves and others around them have encountered. They will also have the opportunity to self and peer assess using guidance sheets tailored to each project. They will be able to reflect and plan improvements. There will often be dedicated improvement and reflection time (DIRT) planned into lesson sequences to action their improvements. At the end of each project they will receive a summative comment in relation to their work and outcome and mark given against their age related expectation targets of Developing, Secure, or Exceeding.

Home Learning Expectations

If you miss any lessons you should endeavour to discover what you missed and catch up in your home learning time. Use google classroom, your project booklet, and discussions with your teacher to help you work out what you missed.

In Food part of your home learning is to be organised to buy and bring in the ingredients you will require to cook your next dish. If you miss a demonstration lesson you should still find out what you need to bring for your next practical lesson. If you miss a practical lesson you should try to complete the practical at home with parental consent and supervision. Ingredients and methods will usually be listed in the google classroom for you.

In DT, Food and Textiles you will be set independent learning to complete to support the projects you are completing in school.



Useful Information

E.g. about using GC/

- <https://technologystudent.com/>
- <https://www.bbc.co.uk/bitesize/examspecs/z4nfwty>