

DESIGN TECHNOLOGY

KS3 (Design Technology, Food, Textiles)

Curriculum Purpose

In year 8 students will build on their skills learnt in year 7 and also learn new techniques and processes. They will refine accuracy with using tools and equipment to produce more complex products and recipes (in food) to higher standards of finish. They will increase confidence with design communication and learn new techniques using computer aided design and manufacture and isometric drawing.

YR8



Curriculum Topics

- **Design Technology**
Acrylic lamp project. This project aims to increase your 3d drawing skills, build on your marking and measuring, cutting and machine and hand tool skills. You will also be introduced to computer Aided Design and manufacture in the form of laser cutting.
- **Food**
In year 8 you will build on the basics you learn in year 7 and complete dishes that will allow you to cook simple meals from scratch. You will learn more about nutrition and how to store and handle high risk food safely.
- **Textiles**
Batik wax resist technique. You will complete a project around the production of textile decorative fabrics learning about the batik technique and using it to design, develop and produce your own sample piece using hot wax and dye.



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 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>