

Year 8

DESIGN & TECHNOLOGY DEPARTMENT

Curriculum Content

The Year 8 Design & Technology course is split into the following units:

1. LANTERNS - Design and Make
2. FLOATING GARDENS - Technology in Society

Knowledge, Skills and Understanding

In the LANTERNS unit of work students will:

- learn about manufacturing techniques and safe working procedures in the workshop
- learn about production methods and how they can be adapted to ensure quality products
- learn how a combination of design and manufacturing skills are needed to produce good quality products
- understand the effect graphics can have on product design

In the FLOATING GARDENS unit of work students will:

- know how objects float in water and the factors that affect them
- demonstrate skills in designing and making structures
- understand how design needs to be focused around user needs
- understand how sustainable design can be used to create better real life situations across the globe

Assessment Opportunities

Work is continually assessed throughout each unit of work with teacher comments providing details on where the student has been successful and how they can improve in future. Grades are not given for each piece of work, instead we provide each student with a grade half way through their course and then a summative grade for attainment and effort is given at the end.