

Y9 ROADMAP – DESIGN & TECHNOLOGY

Subject Aim: Year 9 Design and Technology focuses on two big themes Design Influence and Sustainability. In year 9 you will learn about the range of design movements which have shaped our visual work, and develop your skills in using CAD. You will develop and understanding of sustainability and how this impacts your everyday life as a consumer and designer.

TERM 1

What are design movements and how they can they influence your work?

Design is constantly evolving as people are looking for the next new thing. The truth is however that nothing is ever completely new, and is instead made up of a range of influences from the things that have gone before them. In this unit you will investigate key design movements and use these to inspire your own design work. You will develop your 2D design skills to make an LED mood lamp.

TERM 2

What is sustainability and why does it matter?

As a nation we are much more aware of our impact on the environment. Designers are constantly seeking for ways to make products more environmentally friendly. In this project we will explore the ideas around sustainability. You will develop your research skills as you find out about how a range of companies are exploring sustainable issues. You will explore how a range of items usually destined for the recycling or rubbish can be repurposed and reimagined into new items.

TERM 3



ASSESSMENT

- In technology your work is assessed against different areas including designing, making, knowledge and evaluation.
- Your teachers will be looking at the work you are doing in lessons and offering suggestions about how to develop and improve it.
- You will learn how to peer assess work to support your development.
- During your lessons your teachers will assess your knowledge and understanding in a range of ways including retrieval tasks .
- For each unit you will have an assessment which covers the key knowledge within each project as well as some longer questions where you can apply your understanding.



INDEPENDENT LEARNING

- Knowledge Organisers are expected to be used weekly to support the learning and recap of key vocabulary as the course progresses.
- There will be various independent learning challenges set each half-term which will allow you to develop your subject specialist skills as well as knowledge and understanding.



ENRICHMENT

What Next? The skills you have learned within Design and Technology transfer to a range of creative courses at key stage 4 including 3D Design and Art and Design. If you don't go on to study a creative pathway at key stage 4 you have developed problem solving skills and an awareness of design which will be transferrable throughout your life.