



# Design and Technology



Archdiocese of Liverpool

## Curriculum intent:

Design and Technology at St Gregory's is an inspiring, rigorous and practical subject. Pupils use creativity and imagination to design and manufacture products and prototypes that solve real and relevant problems that consider social, moral and cultural values. Drawing on disciplines such as Mathematics, Science, Computing and Art, pupils learn how to become resourceful, innovative, enterprising and capable citizens. High quality Design and Technology education makes an essential contribution to the creativity, culture, health and well-being of the nation.

## Year 9

TERM 1

### Content

**Engineering Project**

**Mechanical Toy Projects**

### Concepts and Skills

- User needs
- Design Strategies and communicating ideas
- Making Skills
  
- Design Strategies and communicating ideas
- Levers and Mechanisms

TERM 2

**Engineering Project**

**Mechanical Toy Projects**

- User needs
- Design Strategies and communicating ideas
- Making Skills
  
- Design Strategies and communicating ideas
- Levers and Mechanisms

TERM 3

**Engineering Project**

**Mechanical Toy Projects**

- User needs
- Design Strategies and communicating ideas
- Making Skills
  
- Design Strategies and communicating ideas
- Levers and Mechanisms

