



# YEAR 9 DESIGN TECHNOLOGY



# THE JOURNEY OF LEARNING

### Intent

- design and make products that solve relevant problems
- make critical judgements of their own designs and those of others
- understand the core principals of any good design
- build awareness of global issues and contemporary design
  - take creative risks
- develop practical application
- appreciate the work of world class designers in a wide range of field

### Milestone Assessments

## MAZES

Year 10 Summer Preparation

Finishing and ergonomics

Electronic components

Product Evaluation

DIRT

Year 9 Summer Term 2

Year 9 Summer Term 1

## MAZES

Year 9 Summer Term 1

### Careers Related- Textiles and Fashion Design

### Cultural Capital- Enriches today and inspires tomorrow

Milestone Assessments

DIRT

STATIONERY BOX DESIGN

Year 9 Spring Term 2

STATIONERY BOX DESIGN

MAZES

Product Evaluation

User Needs/ Specifications

Orthographic Drawings

CAD/CAM

Product Evaluation

User Needs/ Specifications

Research and Product analysis

T-Shirt Printing

Finishing and ergonomics

Year 9 Spring Term 1

Graphic Design- 2D

Typography

Design Ideas/ Annotation

Research and Product analysis

Types of Printing/Material sampling

User Needs/ Specifications

## T-SHIRT PRINTING

### Careers Related- Textiles and Fashion Design

### Cultural Capital- Enriches today and inspires tomorrow

Literacy Focus- Reading designers Work- Virgil Abloh

T-Shirt Printing

Product Evaluation

User Needs/ Specifications

Classification of Levers

Types of force

Prototyping

Finishing and Racing

Year 9 Autumn Term 2

## MOUSE CART CHALLENGE

Finishing / ergonomics

2D Design

Office Desk Tidy

Year 9 Autumn Term 1

Product Analysis/Research

Mechanisms

Design Ideas/ Annotation

Iterative design principles

Product Evaluation

Isometric Drawing

User Needs/ Specifications

Lazer Cutter

Year 8

Application Assessments

DIRT

Milestone Assessments

Cultural Capital

Careers Related

Literacy Focus