



## 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



Finishing and ergonomics

### Milestone Assessments

## MAZES

Year 10 Summer Preparation



Electronic components

Product Evaluation

DIRT

Year 9 Summer Term 2

Year 9 Summer Term 1

Year 9 Summer Term 1

### Careers Related- Textiles and Fashion Design

### Cultural Capital- Enriches today and inspires tomorrow



Research and Product analysis

### Milestone Assessments

DIRT

Year 9 Spring Term 2

## ELECTRONICS

## ELECTRONICS

## MAZES



Product Evaluation

User Needs/ Specifications

Electronic components

Soldering

Product Evaluation

User Needs/ Specifications



Finishing and ergonomics

Year 9 Spring Term 1

## T-Shirt Printing

## T-SHIRT PRINTING



User Needs/ Specifications

### Careers Related- Textiles and Fashion Design

### Cultural Capital- Enriches today and inspires tomorrow

Literacy Focus- Reading designers Work- Virgil Abloh

## T-Shirt Printing



Finishing/ ergonomics

Product Evaluation

User Needs/ Specifications

Classification of Levers

Types of force

Prototyping

Finishing and Racing

Year 9 Autumn Term 2

## MOUSE CART CHALLENGE



2D Design



Isometric Drawing

Office Desk Tidy

User Needs/ Specifications

Lazer Cutter

Product Analysis/Research

Mechanisms

Design Ideas/ Annotation

Iterative design principles

Product Evaluation

Year 9 Autumn Term 1

Year 8

Application Assessments

DIRT

Milestone Assessments

Cultural Capital

Careers Related

Literacy Focus