



# YEAR 7 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

Year 8 Summer Preparation

Milestone Assessments

DIRT

Year 7 Summer Term 2

## PASSIVE SPEAKERS



Finishing / ergonomics



Modelling

Product Evaluation

Isometric/Orthographic Drawing

Design Ideas/Annotation



Soundwaves/amplitude/frequency

Literacy Focus-Reading designs-Passive Speakers

Product Evaluation

Lazer Cutter

2D Design

User Needs

Polymers

Materials and Properties

## PASSIVE SPEAKERS

## KEY FOB DESIGN

Problem Solving-Thickness, shape, size

Product Analysis/Research

User Needs/Specifications

Finishing and ergonomics

Prototype

Design Ideas/Annotation

Materials investigation

Metals

Careers Related- Designing

Cultural Capital- Sparks generations of innovators

Year 7 Summer Term 1

## KEY FOB DESIGN

Tools

Designer Research and Analysis-KAWS

Milestone Assessments

DIRT

Year 7 Spring Term 2 (Rotation 2)

## PASSIVE SPEAKERS

## RULER DESIGN

Product Evaluation

Sketching/drawing

Product Evaluation

Finishing / ergonomics



Modelling

Design Ideas/Annotation

Soundwaves/amplitude/frequency

Literacy Focus-Reading designs-Passive Speakers

Product Evaluation

Lazer Cutter

2D Design

Health and Safety

Literacy Focus-Reading designers Work-KAWS

Year 7 Spring Term 1

## PASSIVE SPEAKERS

## KEY FOB DESIGN

Isometric/Orthographic Drawing

Problem Solving-Thickness, shape, size, Timbers

Product Analysis/Research

User Needs/Specifications

Finishing and ergonomics

Prototype

Careers Related- Designing

Cultural Capital- Sparks generations of innovators

Year 7 Autumn Term 2

Sketching/drawing

Product Evaluation

Tools

Designer Research and Analysis- KAWS

Polymers

User Needs

Materials investigation

Year 7 Autumn Term 1 Rotation 1

## RULER DESIGN

## KEY FOB DESIGN

User Needs/Specifications

2D Design

Lazer Cutter

Health and Safety

Literacy Focus-Reading designers Work- KAWS

Materials and Properties

Metals

Learn the school mission statement

welcome

Attend welcome day

PRIMARY SCHOOL

Develop a thirst for reading

Start the transition programme

Sit SATS in Y6

Build a solid foundation in education

Meet our staff and Pastoral leads

Develop a lifelong love of learning

Application Assessments

DIRT

Milestone Assessments

Cultural Capital

Careers Related

Literacy Focus