



YEAR 8 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 9 Summer Preparation

DIRT

Milestone Assessments

Year 8 Summer Term 2

BUG HOTELS



Isometric/Orthographic Drawing



Timbers



Design Ideas/Annotation



Product Evaluation



The 5 R's



Designing for a client specification



Rapid production

Design Ideas/Annotation



Emerging Technologies



BUG HOTELS

SOLAR CLOCK DESIGN

Year 8 Summer Term 1

Product Analysis/Research



Literacy Focus-Reading designs-HABITATS

Finishing and ergonomics



ACCESSFM

FSC timbers-Sustainability

Electronic components-conductive Dough

User Needs/Specifications



Careers Related- Emerging Technologies and RHS

Cultural Capital- Is to be found locally, nationally and globally

SOLAR CLOCK DESIGN

Designer Research and Analysis-Bauhaus



Product Evaluation

Milestone Assessments

DIRT

Year 8 Spring Term 2 Rotation 2

Sketching/drawing

Product Evaluation

BUG HOTELS

CLIPBOARDS

Prototyping

Design Ideas/Annotation

Finishing / ergonomics

User Needs/Specifications

2D Design

Lazer Cutter

Literacy Focus-Reading designers Work- Bauhaus



Isometric/Orthographic Drawing

Year 8 Spring Term 1

BUG HOTELS

SOLAR GARDEN CLOCKS

Year 8 Autumn Term 2

Environmental Impact- Costing

Timbers

The 6 R's

Product Analysis/Research

Designing for a client specification

Finishing and ergonomics

Prototype

Careers Related- Emerging Technologies and RHS

Cultural Capital- Is to be found locally, nationally and globally

Year 8 Autumn Term 1 Rotation 1

CLIPBOARD

SOLAR GARDEN CLOCKS

Sketching/drawing

Product Evaluation

Designer Research and Analysis- Bauhaus

Emerging Technologies

Soldering

Design Ideas/Annotation



User Needs/Specifications

2D Design

Lazer Cutter

Literacy Focus-Reading designers Work- Bauhaus

User Needs/Specifications

Electronic components-conductive Dough

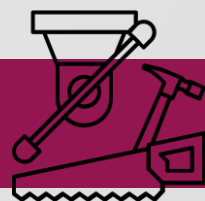
FSC timbers-Sustainability



Key skills and techniques used in design technology

Understanding what DT is

Year 7



Application Assessments

DIRT

Milestone Assessments

Cultural Capital

Careers Related

Literacy Focus