Benton Park School D&T Department
D&T LEARNING JOURNEY

YEAR 13

Independent learning

Mock NEA

Develop Own Contexts

Design for Repair & Maintenance

Design Theory

NEA task

Technical Principles

Designing & Making Principles

Freedom to experiment

Enterprise & Marketing Intellectual Property

Design for manufacture

Post Secondary Pathways

YEAR 12

New Developments in technology

Advances in materials and processes

Design & Make Project

Design Through History

Timbers, Metals and Polymers

Specialist Principles

Investigating Contexts

Technical Principles

NEA task

Material Applications & Industrial Processes

Core Technical Principles

Independent learning

YEAR 11

Developing a Brief

Mock NEA

Options Evening

Developing Products Through Testing and Investigation

Material Properties

Developing Solutions

Textiles Construction Techniques

YEAR 10

Children's Toy Design & Development

Materials Science

Marble run project

Modelling Techniques

Material Applications

Complex Mechanisms

Textiles: Cultural Cushions

Sublimation Printing

Culture in Design

Design through experimentation

YEAR 9

Textiles construction techniques

Soldering and coding circuits

Product Design: Personal Storage

Lamp project: Textiles

Lamp Project: Electronics and Resistant Materials

Using a range of tools & equipment

Printing and Dying Textiles

CAM: Laser Cutting

Lamp Project: Designing

Design Techniques

YEAR 7

Computer Aided Design (CAD)

Cutting and shaping metal

Mechanisms

Tropical world: Jewellery

Tropical World: Mechanical Toy

YEAR 8

Pewter Casting

Cutting and shaping wood

Sustainability

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