



# DESIGN TECHNOLOGY

BE BOLD, BE BRAVE, BE BRILLIANT

# Design & Technology Learning Journey

Work Experience

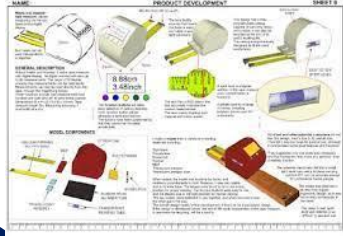
GCSE Written Exam

Non Exam Assessment

College? 6<sup>th</sup> Form?

Post 16 Choices

Apprenticeship?



Polymers Timbers

Final Assessed Projects



YEAR 11

Exam Theory

Mock NEA

YEAR 10

Eco

Design Strategies

Project Planning

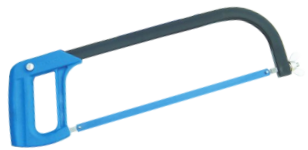
New Materials

Prototyping

Designers



$$\text{Area} = \frac{1}{2} \times b \times h = \frac{bh}{2}$$



Impact on Environment

9.2 Can you wear technology?

9.1 What if robots took over the world?

YEAR 9

Conductive Materials

Electronics & Circuits

Nets

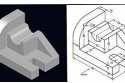
Metals

Biomimicry



Ethics & Sustainability

Smart? Is Packaging



CAD

Smart Materials



YEAR 8

8.1. How do night lights work?

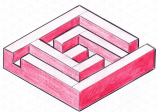
8.2 Can products rescue humans?

7.3 Can design make life easier?

Packaging Nets  
Cradle to Grave

Metal Forming

Eco Design



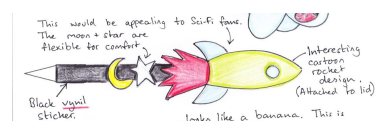
The 6 R's

Anthropometrics & Ergonomics

Product Analysis

Scales of Production

2D Design Skills & Rendering



Smart Materials

7.2 What can pewter do?

7.1 Can Junk become funk?

YEAR 7

3D Printing

CAD

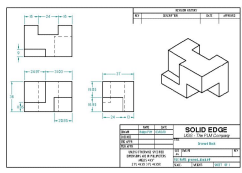
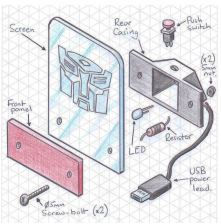
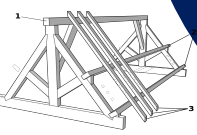
Material Types



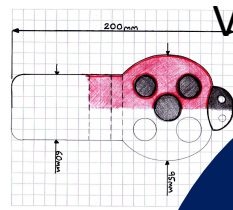
Design Cycle



H&S / Identifying Workshop Hazards



Exploded Views





# Art & Design Learning Journey

## ART & DESIGN

BE BOLD, BE BRAVE, BE BRILLIANT

Work Experience

College? 6<sup>th</sup> Form?

Post 16 Choices

Apprenticeship?

11.1 Major Project

YEAR 11

GCSE Preparation

Synthesise Critical Theory & Practice

10.2 Refine & Respond

Portfolio Technique

Oral Histories

Sketchbook Formation

Critical Theory

Documentation Conceptual

10.1 Place & Purpose?

YEAR 10

9.2 Peace & Conflict

Mixed Media Painting

War Political Art

Impressionism

Seascapes

Line & Movement

Mold Making

Casting

Emotion

8.2 The Alternative Selfie?

8.1 How Still is Life?



Lino Printing

Mono/Block Printing  
Photograms

Proportions

Portraits



Photography

Etching



Andy Warhol

1960's America

Pop Art

Text & Art

Collage

Autobiographical

YEAR 8

7.5 Does food go pop?

7.4 Is it All About You?

YEAR 7

7.1 What skills do artists need?

7.2 Does art beat nature?

7.3 Can art change minds?

Mark Making

Responding

Richard Long to Art

Art in the public realm

Protest Art

Mixed Media

Personal Response

Graphics & Digital

Art & Culture

Irony

Art & Culture

Art & Culture

Art & Culture

Core Skills

Colour Wheel

Perspective

Klari Reis

Christo

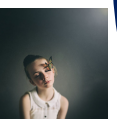
Watercolour

Observational Drawing



Political Art

Video Art



Installation

Performance

9.1 What sound does art make?

Sound Art

Appropriation

Immersive

Photography



Impressionism



Line & Movement

Mold Making

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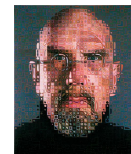


Lino Printing

Mono/Block Printing  
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Proportions

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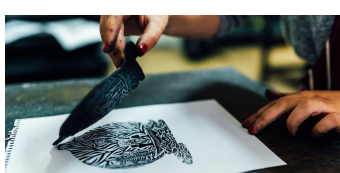
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Christo

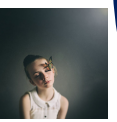
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1960's America

Pop Art

Text & Art

Collage

Autobiographical





# FOOD & NUTRITION

BE BOLD, BE BRAVE, BE BRILLIANT

# Food & Nutrition Learning Journey

Work Experience

College? 6<sup>th</sup> Form?

Post 16 Choices

Apprenticeship?

GCSE Preparation

11.1 GCSE NEA 1 & 2

YEAR 11

10.2 Refine & Respond

YEAR 10

10.1 Micro & Macro Nutrients

Energy Balance

9.2 Diet & Nutrition

- Sugars
- Starch
- Protein
- Nutrients

Vitamins Nutritional Analysis Absorption

Minerals

Fats

Sugars

Food Scientists

Synthesise Critical Theory & Practice

Diet for Performance



Balanced Diet

Malnutrition

9.1 Activity & Energy

YEAR 9

Carbohydrates

Fats

Emotion

8.2 Food & Senses

Iron Deficiency

Diet & Cancer

Bone Health

Diet & Exercise

Obesity

Investigations

Protein Emulsions

Store & Protect

Texture

Taste

Provenance Quality & Assurance

Protein Emulsions

7.4 Catering for Needs

YEAR 8

8.1 Food & Location

Olfactory System

7.3 Future Food

Energy Balance Cooking Safely High Risk Foods

Energy	Fat	Sugar	Salt
924kJ / 220kcal	13g	5.9g	0.8g
11%	19%	30%	<1%
of an adult's reference intake			
Typical values (as sold) per 100g: Energy 966kJ / 230kcal			

Food Availability & Labelling

Processing & Manufacture

Consumer Needs Hydration Fruits & Vegetables Recipe Design Health & Safety

7.2 Can we Eat Well? 7.1 Skills of a Commis Chef?

YEAR 7

Societal Factors

Oils & Spreads Pulses, Grains & Beans

Eat Well Guide

Nutrition

Knife Skills

Core Skills

