

# **DT Planned Learning Journey**

## **Year 7 Textiles**

WC 18<sup>th</sup> May Fashion through the decades

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June History of fashion

WC 8<sup>th</sup> June Fashion designer

WC 15<sup>th</sup> June Fibres and fabrics

WC 22<sup>nd</sup> June Textile Art

WC 29<sup>th</sup> June Upcycled fashion

WC 6<sup>th</sup> July William Morris

WC 13<sup>th</sup> July Smart Materials

WC 20<sup>th</sup> July Weaving

## **Year 8 Textiles**

WC 18<sup>th</sup> May Fashion through the decades

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June History of fashion

WC 8<sup>th</sup> June Fashion designer

WC 15<sup>th</sup> June Fibres and fabrics

WC 22<sup>nd</sup> June Textile Art

WC 29<sup>th</sup> June Upcycled fashion

WC 6<sup>th</sup> July William Morris

WC 13<sup>th</sup> July Smart Materials

WC 20<sup>th</sup> July Weaving

# **DT Planned Learning Journey**

## **Year 7 Resistant Materials**

WC 18<sup>th</sup> May Materials - wood/paper

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June Materials - Plastic

WC 8<sup>th</sup> June Manufacturing techniques used in industry

WC 15<sup>th</sup> June Branding

WC 22<sup>nd</sup> June Functions of packaging

WC 29<sup>th</sup> June ACCESS FM

WC 6<sup>th</sup> July Evaluate ideas and products against design criteria

WC 13<sup>th</sup> July Technical Drawing 2D

WC 20<sup>th</sup> July Technical Drawing 3D

## **Year 8 Resistant Materials**

WC 18<sup>th</sup> May Materials - Polymers

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June Materials

WC 8<sup>th</sup> June Manufacturing techniques used in industry

WC 15<sup>th</sup> June Branding

WC 22<sup>nd</sup> June Functions of packaging

WC 29<sup>th</sup> June ACCESS FM

WC 6<sup>th</sup> July Evaluate ideas and products against design criteria

WC 13<sup>th</sup> July Technical Drawing 2D

WC 20<sup>th</sup> July Technical Drawing 3D

# DT Planned Learning Journey

## Year 7 Computer aided design

WC 18<sup>th</sup> May 3D Modelling Design Challenge

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June Basic materials and slicing

WC 8<sup>th</sup> June Project assessment

WC 15<sup>th</sup> June Vex Robotics introduction

WC 22<sup>nd</sup> June Vex - navigating

WC 29<sup>th</sup> June Vex - pick up and place

WC 6<sup>th</sup> July Vex - Pen tool

WC 13<sup>th</sup> July Vex - colour sensors

WC 20<sup>th</sup> July Vex - robot dance party

## Year 8 Computer aided design

WC 18<sup>th</sup> May 3D Modelling Design Challenge

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June Basic materials and slicing

WC 8<sup>th</sup> June Project assessment

WC 15<sup>th</sup> June Vex Robotics introduction

WC 22<sup>nd</sup> June Vex - navigating

WC 29<sup>th</sup> June Vex - pick up and place

WC 6<sup>th</sup> July Vex - Pen tool

WC 13<sup>th</sup> July Vex - colour sensors

WC 20<sup>th</sup> July Vex - robot dance party

# DT Planned Learning Journey

## Year 7 - Food

WC 18<sup>th</sup> May - Healthy Eating Revision

### **WC 25<sup>th</sup> May – Half term**

WC 1<sup>st</sup> June - Where food comes from?

WC 8<sup>th</sup> June - Food processing

WC 15<sup>th</sup> June - Food Commodities - Cereals

WC 22<sup>nd</sup> June - Dairy and Meat

WC 29<sup>th</sup> June - Potatoes and vegetables

WC 6<sup>th</sup> July - Food Route - A Journey through Food

WC 13<sup>th</sup> July - Activities for the food journey related to  
Diet and Health, Shopping, Cooking

WC 20<sup>th</sup> July - Activities for the food journey related to  
An active lifestyle and Food Safety - Certification

## Year 8 - Food

WC 18<sup>th</sup> May - Nutritional analysis

### **WC 25<sup>th</sup> May – Half term**

WC 1<sup>st</sup> June - Food Labels - Nutritional content

WC 8<sup>th</sup> June - Food Labelling comparisons

WC 15<sup>th</sup> June - Investigating portion size

WC 22<sup>nd</sup> June - Food Commodities - Allergies

WC 29<sup>th</sup> June - Dairy and Cereals

WC 6<sup>th</sup> July - Meat and Potatoes

WC 13<sup>th</sup> July - Food hygiene and safety

WC 20<sup>th</sup> July - Food Poisoning

# DT Planned Learning Journey



## Year 9 Electronics

WC 18<sup>th</sup> May Resistors in series and parallel

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June Other types of resistors + switches

WC 8<sup>th</sup> June Designing sensing circuits

WC 15<sup>th</sup> June Output circuits

WC 22<sup>nd</sup> June Design Challenge

WC 29<sup>th</sup> June Application of diodes

WC 6<sup>th</sup> July Protecting circuits with diodes

WC 13<sup>th</sup> July Rectification and regulation

WC 20<sup>th</sup> July Diodes recap and questions

# **DT Planned Learning Journey**

## **Year 9 Child Development**

WC 18<sup>th</sup> May Factors that affect the decision to have children

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June Hereditary diseases

WC 8<sup>th</sup> June Pre-conception health

WC 15<sup>th</sup> June Baby equipment

WC 22<sup>nd</sup> June Nutrient guidelines

WC 29<sup>th</sup> June Breast or bottle feed?

WC 6<sup>th</sup> July Development norms

WC 13<sup>th</sup> July Development norms

WC 20<sup>th</sup> July Types of play

## **Year 10 Child development**

WC 18<sup>th</sup> May Factors that affect the decision to have children

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June Hereditary diseases

WC 8<sup>th</sup> June Pre-conception health

WC 15<sup>th</sup> June Baby equipment

WC 22<sup>nd</sup> June Nutrient guidelines

WC 29<sup>th</sup> June Breast or bottle feed?

WC 6<sup>th</sup> July Development norms

WC 13<sup>th</sup> July Development norms

WC 20<sup>th</sup> July Types of play

# **DT Planned Learning Journey**



## **Year 9 Hair and Beauty**

WC 18<sup>th</sup> May Hair products

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June Hair services

WC 8<sup>th</sup> June Beauty products

WC 15<sup>th</sup> June Beauty services

WC 22<sup>nd</sup> June Hair and beauty businesses

WC 29<sup>th</sup> June Sanitisation, disinfection and sterilisation

WC 6<sup>th</sup> July personal Hygiene and presentaion

WC 13<sup>th</sup> July personal presentation

WC 20<sup>th</sup> July communication skills

## **Year 10 Hair and Beauty**

WC 18<sup>th</sup> May Hair products

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June Hair services

WC 8<sup>th</sup> June Beauty products

WC 15<sup>th</sup> June Beauty services

WC 22<sup>nd</sup> June Hair and beauty businesses

WC 29<sup>th</sup> June PPE

WC 6<sup>th</sup> July sanitisation, disinfection, sterilisation

WC 13<sup>th</sup> July Personal hygiene and presentation

WC 20<sup>th</sup> July communication skills

# **DT Planned Learning Journey**

## **Year 9 Engineering (Mrs Vickers)**

- WC 18<sup>th</sup> May    The design process 2 Activity sheet 17
- WC 25<sup>th</sup> May – Half term
- WC 1<sup>st</sup> June     The design process 3: Tolerance and Ergonomics: 18
- WC 8<sup>th</sup> June     Engineering brief, 19
- WC 15<sup>th</sup> June    Organising the design, 20
- WC 22<sup>nd</sup> June    Initial design using existing products, 21
- WC 29<sup>th</sup> June    Producing initial design proposals, 22
- WC 6<sup>th</sup> July     A design sketch, 23
- WC 13<sup>th</sup> July    Creative thinking and evaluation techniques, 24
- WC 20<sup>th</sup> July    CAD, 25

## **Year 9 Engineering (Mr Richards)**

- WC 18<sup>th</sup> May    Siemens design challenge
- WC 25<sup>th</sup> May – Half term
- WC 1<sup>st</sup> June     Materials
- WC 8<sup>th</sup> June     Quality requirements
- WC 15<sup>th</sup> June    Teamwork and Job Roles
- WC 22<sup>nd</sup> June    Generic skills in the workplace
- WC 29<sup>th</sup> June    CAD modelling
- WC 6<sup>th</sup> July     CAD rendering
- WC 13<sup>th</sup> July    CAM - laser cutting
- WC 20<sup>th</sup> July    CAM - 3d printing



# DT Planned Learning Journey

## Year 9 Hospitality & Catering

WC 18<sup>th</sup> May Bread

WC 25<sup>th</sup> May – Half term

WC 1<sup>st</sup> June Nutritional needs through life

WC 8<sup>th</sup> June health-issues

WC 15<sup>th</sup> June Diet and bone health

WC 22<sup>nd</sup> June Diet and cancer

WC 29<sup>th</sup> June Diet and coronary heart disease

WC 6<sup>th</sup> July Energy

WC 13<sup>th</sup> July Nutrients

WC 20<sup>th</sup> July Fibre

## Year 10 Hospitality and Catering

WC 18<sup>th</sup> May - Food Hygiene

**WC 25<sup>th</sup> May – Half term**

WC 1<sup>st</sup> June - Ensuring Food is safe

WC 8<sup>th</sup> June - Food Spoilage

WC 15<sup>th</sup> June - Food Contamination

WC 22<sup>nd</sup> June - Food Storage

WC 29<sup>th</sup> June - Food Poisoning causes

WC 6<sup>th</sup> July - Food Poisoning bacteria and symptoms

WC 13<sup>th</sup> July - Food Safety and the Law

WC 20<sup>th</sup> July - Food Hygiene Test