

## **YEAR 7 FOOD & NUTRITION:**

### **SPRING TERM TOPICS**

- Students design and make a range of dishes that reflect current healthy eating guidelines whilst developing basic kitchen and cooking skills

## **YEAR 7 PRODUCT DESIGN:**

### **SPRING TERM TOPICS**

#### **Product Design 1: Slim-line Torch**

- This project introduces students to simple circuits and basic electronics (LEDs) as well as introducing them to a variety of workshop processes including CAD/CAM
- Students manufacture a simple electronic keyring torch using acrylic & polystyrene

#### **Product Design 2 - Jewellery Box**

- Students design and make a wooden storage box for small items based upon a chosen designer and aimed at a particular target audience. The box is produced using simple wood joining methods for assembly and using laser engraving for the design
- Students will learn about the key types of natural timber and Manufactured Boards and will also be taught methods for 3D sketching in Isometric view and for Rendering sketches to look like the actual materials

## **YEAR 7 TEXTILES:**

### **SPRING TERM TOPICS**

- Students design and make a case for a portable electronic device such as a Kindle, iPad or Smart 'Phone
- They learn to use a variety of decorative techniques such as appliqué and embroidery and basic sewing machine skills

**YEAR 7 COMPUTING:  
SPRING TERM TOPICS**

**Computing -Term 2**

- **Computational Thinking and programming a micro:bit:** Students will be introduced to some key concepts of programming such as loops, variables and if statements by using building block programming such as Scratch to create simple games