



### How often do students in year 7 study in Design & Technology?

Year 7 students have 4 lessons of Design & Technology per fortnight, usually 2 lessons each week.

### What topics do you learn about in this Design & Technology in year 7?

In Design & Technology you will learn about investigating, designing, and making in 3 main material areas: **Graphics** (papers and boards), **Resistant Materials** (Woods, metals, and plastics) and **Textiles** (Fabrics and fashion). You will design and make your own prototypes in these lessons. You will also have a rotation of **Food Technology** where you will learn about practical cooking skills along with food nutritional information and basic health and hygiene.

### What skills will you develop in this Design & Technology during year 7?

You will learn how to **investigate** and **analyse** existing products and develop **drawing** and **designing skills** to help you communicate your ideas in 2D and 3D. You will learn how to use **tools and equipment** in the workshops and food rooms **independently, safely and with accuracy** to enable you to create your own real life **products** and then **evaluate your products** to see how good they are and if you can improve them further in the future.

### Do you need any specialist equipment to study Design & Technology?

The main equipment you will need is basic drawing equipment such as pens, pencils, pencil crayons and fine liners for designing tasks. A computer or laptop would be useful so you can complete home learning tasks.

### What is the best thing about studying Design & Technology?

**You can be creative** and bring your designs and ideas into real life finished products!

**Design & Technology**  
at Penistone Grammar School