



**How you can support your child at home:** →

**Encourage them to read – anything and everything!**

**Look at Google Classroom regularly; the expectation is that all students complete home-learning**

**Make sure your child has the right equipment with them everyday (pen, pencil, ruler etc.)**

**Art & Design:**

Cells and Circles: students will continue to work on their observational drawings, whilst exploring a range of media and showing the ability to make appropriate media choices

**Computer Science:**

Students will be able to describe the role of the CPU and explain the processes of the fetch-decode-execute cycle. They will also be able to determine the role of main memory and secondary storage

**Design and Technology:**

Theory lessons: students will study technology in engineering. They will complete exam questions and learn about: manufacturing, smart robots, tracking and communications. Students will also design wildlife houses built on the specific needs of a client

**Drama:**

'Romeo and Juliet': students will explore the text in a practical way and create a dynamic and original version of the play

**English:**

A Christmas Carol: students will undertake a detailed reading of the novel by Charles Dickens. Language skills are interspersed within the unit

**Food and Nutrition:**

Cooking methods: students will learn about a range of cooking methods and the pros and cons of using each method. They will carry out practical sessions demonstrating a range of cooking methods

**Geography:**

Hazardous Earth: students will have an understanding of the global circulation of the atmosphere and changing climate. They will also undertake two depth studies of an extreme weather hazard.

**Health and Social Care:**

Component 1: students will learn about human lifespan development, and understand the factors which affect human growth and development

**History:**

Health and the people – understanding how knowledge and treatment of disease changed over time

**Mandarin:**

Having revised the basics from KS3, students are now moving onto the topics of hobbies and food this term, while also increasing the length and complexity of the sentences they can say and write.

**Maths:**

Developing Algebra: students will study simultaneous equations and representing solutions of equations and inequalities

**Music:**

Students will study Williams and Bach and learn about the role of music in film and the Concerto Grosso and other stylistic features of the Baroque era

**Personal Development:**

Equality: students will learn about equality in a range of environments such as the workplace, society and relationships. They will also consider vulnerable groups and power and control

**PE:**

Students will partake in a range of activities such as: football, rugby, badminton, basketball and netball

**Science:**

Students will continue to study: mains electricity, particle model of matter, bonding, making salts, quantitative, the heart and circulatory system, the nervous system, the endocrine system and evolution

**Sport BTEC:**

Students will continue with practicals on warm ups and leading sessions and in theory, will be learning the component 1 topics of sports sectors, equipment use in sport and leisure provision