

## English

Students will study a range of non-fiction texts that explore the concept of a 'moral panic'. Students will explore texts that link to key moments in history, from Jack the Ripper in Victorian England to the opinion on video games in 2024. Students will build on their understanding of technical terminology from year seven and will develop extended skills of analysis. They will have the opportunity to explore writers' viewpoints and perspectives and compare them across a range of texts. There will be a focus on spelling, punctuation and grammar throughout the unit as well as a sharp focus on using a wide range of vocabulary.

## Maths

This term is all about number and focusses on percentages and proportion using a lot of multiplying and dividing. This builds on student's previous knowledge from primary school and also Year 7. Students can relate to real life problems during this topic.

## Science

Will study the following units:

Respiration and Breathing which looks at aerobic and anaerobic respiration in addition to the structure and function of the human respiratory system.

Electricity which looks at the static and current electricity, circuit components and the properties of series and parallel circuits.

## History

Students will be learning about how British society was able to change as a result of the Industrial Revolution and should make links between how colonialism helped to develop the Industrial Revolution. Also, students will need to make their own conclusions about whether life improved or got worse for people during the Industrial Revolution.

## Geography

In year 8 our geographers will be investigating South America to better appreciate its size and scope of climates and ecosystems beyond the commonly known Amazon, while also appreciating the opportunities for human development with less environmental disruption.

## Languages

In Spanish pupils will be learning to use the irregular verbs 'ir', 'jugar' and 'hacer' in the present tense to talk about where they go on holiday and the activities they do there. Pupils will continue their phonics journey by revisiting the spelling to sound correspondence of words containing the following 'n' / 'ñ', 'ce'/'ci' 'v'/'b'

## Technology

Nutrition for Life (Food & Hospitality)

Dye Sublimated - Phone Stand (Technical Textiles)

2D to 3D Design (Graphics/ Computer Aided Design)

Hold It Project (Engineering)

## Art

Art: Paper Engineering Project

The Aim of this half term is for students to continue working in 3D relief to create small paper sculptures.

Students will create 3D models and explore a range of paper engineering techniques, such as folding/ twisting/ laminating, etc.

## Physical Education

Year 8 students will complete a combination of two of the following activities: fitness, dodge ball and gymnastics. Games based activities will consolidate and stretch skill introducing more challenging strategies and tactics into a game situation. Students following fitness will explore aerobic and muscular endurance with particular focus on circuit training as the method utilised. Students following gymnastic activities after recapping basic shapes and choreography of sequences will introduce more challenging rolls and types of inversion increasing challenge.

## Reading Curriculum

Y8 students will be exploring a range of texts around Philosophy. Developing their comprehension and fluency. Regularly reading to build confidence

## Religious Studies

Students will continue their study of Jesus – who he was, who he is believed to be, and his role in the Abrahamic faiths.

## Expressive Arts

Students will explore the genre of 'Street Dance'. Students will learn of its origins and develop their choreographic skills using key movements to create original performance work. Students will work as part of a group and build on their teamwork and leadership skills.

## Music

In Music, students are learning about the "The Blues", with the main focus instrument being the piano. Students will learn where blues music has come from and how it has inspired/evolved into music that we know today, as well as how to play chords, walking bass lines, and even improvise their own melodic solo.

## Computing

Students will revisit grasp the fundamentals of Computer Science and take their knowledge a bit deeper, by further investigating the CPU and the fetch decode execute cycle. They will deepen their grasp of how data is represented in a computer system by binary and how to convert to and from our denary number system but will also now be exposed to binary addition and hexadecimal notation.

