YEAR 8
WHAT WILL MY CHILD LEARN THIS TERM?

SOUTH HUNSLEY inspire · aspire

SOUTH HUNSLEY Sixth Form

ART

This term your child will developing their skills through a range of media such as pencil, mixed media and collage, with a focus on animals. Students will begin to link media's with artists and understand how to analyse effectively to improve owns skills. This terms focus will be the foundations to the rest of term where students will begin to apply their knowledge to their own work.

COMMUNITY & PERSONAL

Students in Year 8 will begin the year with a topic on living in a diverse society. This topic will discuss prejudice and discrimination and focus on topics such as sexism, homophobia, transphobia, ageism and many more. Later this term, students will begin to learn about planning for their future. This will include completing the Year 8 Step-up careers booklet, as well as lessons around understanding payslips and rights as a consumer.

COMPUTING

This term your child will start off with a recap on their computing essentials, so they are prepared for the rest of the term ahead. We then cover online safety, looking in detail at hacking, malware, and methods to minimise the risk they face while online. The second unit students will look at is text-based programming. In this, students are taught the fundamentals of the Python programming language including inputs, outputs, variables, data types and selection.

DESIGN & TECHNOLOGY

In Design and Technology students rotate each term of the year to a different specialist area and this term will study one of the following:

Rotation 1 (Design and Technology)

Students will develop their manufacturing skills from year 8 and will work with metals and timbers to manufacture functional prototypes. They will use CAD/CAM to design and laser cut a mould for a metal casting as well as using a range of different tools and pieces of equipment to manufacture a small jewellery box to store their casting.

Rotation 2 (Design and Technology)

Students will learn how sustainability influences the world of Design and Technology and how we can look at alternative energy sources to the traditional generation of electricity from finite resources. Students will design and manufacture an electronic postcard designed to promote the 6 Rs of sustainability to people.

Rotation 3 (Food Preparation and Nutrition)

Students further develop their knowledge of nutrition and health by learning about macronutrients (carbohydrates, proteins and fats), their structure, functions a sources and the effects of deficiency and excess of these in the diet. Students build upon their knowledge of staple food ingredients, considering the primary and secondary processing of milk and wheat and how these are used in food products as well as biological raising agents.

Students continue to develop their knowledge and understanding of safe working routines, further developing their knowledge of micro-organisms and temperature control. They apply this knowledge to their practical work as they begin to safely work with high-risk foods and combine skills, they have acquired in year 7 to make more complex food products such as garlic dough balls, savoury scones and cheesecake.

DRAMA

Students will begin to expand their knowledge of styles of theatre, focusing on the working practices of Augusto Boal and the Theatre of the Oppressed. Key skills will include collaboration and understanding situations from varying perspectives. Students will then extend their knowledge of theatre by looking at Grand Guignol. This will include developing their mime and vocal skills, and considering the impact their performance work has on an audience in greater detail.

ENGLISH

Year 8 students will spend the term studying A Christmas Carol by Charles Dickens: its plot, characters and themes. Concurrently, they will read and analyse a range of extracts from Dickens' other novels using them to write and create their own descriptive pieces. After the half-term they will explore the craft of non-fiction and create their own non-fiction pieces based upon the themes of Heroes.

GEOGRAPHY

This term students will be looking at climate change. This will include the natural causes and human causes of climate change and the impacts these changes have around the world. Students will also study settlements, where they will learn about different types of settlements and a focus on major cities of the world, such as Mumbai and Tokyo and the challenges they may face.

HISTORY

Students will be continuing their study of History with studying the Stuarts. Students will look at the importance of James I's reign including how his succession started the process of uniting Scotland and England; the treatment of Catholics and the Gunpowder Plot; James I's beliefs on witchcraft and the establishment of colonies in the New World.

MATHS

Students will work on geometry and measure which will see them work with 3D shapes. Key skills will include identifying properties of shapes, standard and compound measures and finding the surface area and volume of different 3D shapes. Students will then extend their algebra knowledge by looking at sequences. This will include generating sequences and finding the rule of a sequence and looking at different types such as the Fibonnacci sequence.

MODERN FOREIGN LANGUAGES

In Languages, students will learn vocabulary and structures about holidays. They will use the present, past and future tenses.

MUSIC

The Year 8 Music curriculum builds on the foundations established in Year 7, with a continued focus on developing theoretical knowledge and practical skills. Students will be introduced to a range of musical genres and instruments, including African drumming, keyboard, and guitar, and will have the opportunity to work collaboratively in ensemble performances. Classical music will feature prominently, with students learning about key figures and movements of Western classical music. By the end of the year, students should have a deeper appreciation for the history and diversity of music, and a greater sense of confidence in their own musical abilities.

PHYSICAL EDUCATION

Students in Year 8 will take part in several PE/Games rotations during the academic year. PE activities such as badminton, gymnastics, fitness, athletics, tennis and the addition of rock climbing will be participated in during the academic year. In addition, there are several games activities that students will take part in such as rugby, football, netball, hockey, basketball, cricket, rounder's and softball. Students will develop more advanced skills during their lessons and take additional roles within each sport, to demonstrate a thorough understanding of each sport. Students will also get the chance to be a part of the sports captains and even be nominated for a sports award at the annual rewards evening in June. Finally, students will also get the opportunity to attend the famous Ribblesdale trip, a trip which offers a 3-day trip away in the Yorkshire Dales.

RELIGIOUS STUDIES

We start the year looking at Buddhism, as a way of life, considering the different practices, and traditions before going onto look at prejudice and discrimination, specifically racism, studying religious teachings on equality, looking at recent cases of racism in the UK, and the work of religious believer in their work for equality. This will feed lessons in the Spring term on other forms of discrimination such as sexism and homophobia.

SCIENCE

In Year 8 Science, students will have 2 Science teachers, both covering different topics throughout the year. With one of their teachers students will be looking at different types of chemical reactions, before moving on to look at the human body. Students will then build upon their Year 7 knowledge of electricity and look into different types of circuits and how current and potential difference behave in parallel circuits.

With their second teacher, students will be looking at different types of waves and also looking at how waves allow us to see and hear things. After the waves topic, students will be studying a Chemistry topic, looking at the reactions of Acids and Alkalis.