



# YEAR 7

## ENGLISH

In the upcoming summer term, Year 7 will study George Orwell's 'Animal Farm.' This exploration will focus on analysing rhetorical and persuasive techniques, enabling students to examine the effects of peer pressure, propaganda, and media influence. They will relate these themes to current societal challenges, such as the rise of fake news and the role of social media. Students will think critically about a literary text that is accessible in form as well as appropriately challenging in its themes and ideas. The themes will cover a wide range of areas of debate, such as slavery, power, animal abuse, equality, and community. Throughout this module, students will develop a range of skills, including analytical writing as well as enhancing their abilities in debate, speaking and listening, creative writing, and drama.



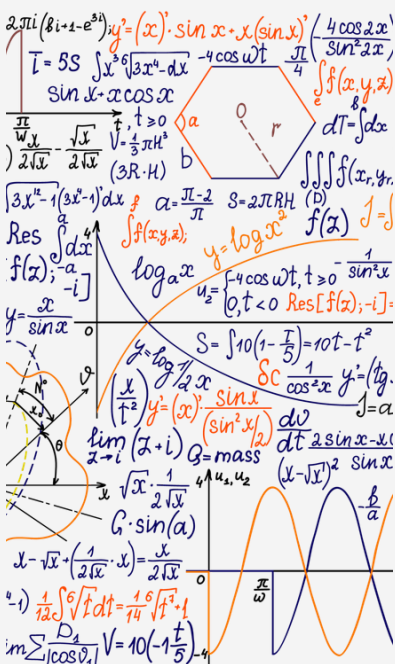
## MATHEMATICS

During the Summer term, Year 7 students will focus on problem-solving involving fractions, decimals, and percentages, emphasising concepts of increase and decrease while mastering conversions among these forms.

They will learn to interpret and create key statistical charts, gaining insights into the three types of averages and the concept of range.

Furthermore, students will distinguish between discrete and continuous data, investigate proportions, and practise forming and simplifying ratios.

They will use compasses and protractors to create basic shapes and build on their previous knowledge from term 4 by applying it to plot linear graphs, exploring the relationship defined by the equation  $y=mx+c$ . The term will end with an introduction to Pythagoras' Theorem, concentrating on calculating the length of a missing hypotenuse in right-angled triangles.





## DESIGN & TECHNOLOGY

In the Textiles course, students will immerse themselves in the 'Design & Make' process, exploring diverse global cultures through fabric. They will create a Wall Organiser that showcases their understanding of material properties and techniques like tie-dyeing, printing, and resistance. A firm grasp of health and safety protocols in the textiles environment is crucial, and students will learn to operate a sewing machine. The finished products will be available for sale.

In the Systems and Control module, students will learn about the design and manufacturing process. After researching the Yorkshire Wildlife Park, they will develop a unique badge concept for the tourist shop. This project will involve investigating materials and their properties, using Adobe Illustrator for design, transitioning from 2D to 3D, and employing a laser cutter. Students will also analyse logos and packaging for their badges, which will be available for purchase upon completion.

In Food Science and Nutrition, students will focus on health and safety protocols in the kitchen, emphasizing food safety while preparing various dishes. They will adapt recipes to meet dietary requirements and learn practical skills such as heat transfer, ingredient costing, and nutritional analysis. All selections must adhere to the EatWell Guide. Typical Year 7 dishes include fruit salad, pasta salad, fruit crumble, scones, scone-based pizza, shortbread, and homemade burgers. Additionally, students will research local food producers and Lincolnshire foods, culminating in presentations on their findings.



## DRAMA



In the summer term, students will wrap up their project which focused on adapting Roald Dahl. Building on the previous term's work, where they crafted their own scripts inspired by Dahl's stories, complete with stage directions and dialogue, they will undergo a three-part assessment process. This will include an Explorative Assessment through small group rehearsals, a Performance Assessment for showcasing their final presentations, and a Responding Assessment that requires a comprehensive written evaluation.

After this, the class will shift to 'A Midsummer Night's Dream', where they will explore the characters of the fairies to develop pace, rhythm, and tempo. Students will delve into various performance techniques, including mime, movement, and gesture, in conjunction with music, while honing their ability to use stage space and levels to effectively express character and narrative. Homework will involve script adaptation, memorizing lines, and preparing mind maps.



## **ETHICS & PHILOSOPHY**

Year 7 students will delve deeper into the idea of justice from the perspective of religious believers, focusing on the impactful contributions of Martin Luther King and Malcolm X. The academic year will wrap up with a study of Hindu beliefs about God, allowing students to compare and contrast these views with those found in monotheistic religions.



## **GEOGRAPHY**

Year 7 students will be delving into the continent of Antarctica, examining both the opportunities and challenges presented by this 'last remaining wilderness.' They will learn about the lives and work of scientists at the Halley VI research station while assessing the impact of tourism on this vast area. The curriculum also covers the causes of climate change and its effects on Antarctica. To gear up for their upcoming field trip to Skegness, students will deepen their knowledge of coastal processes like longshore drift and investigate sustainable management practices for coastlines.



## **HISTORY**

Year 7 History students will explore a diverse range of sources and perspectives to delve into the past, examining figures from influential monarchs to rats and rebels. Their studies will cover significant events such as the assassination of Thomas Becket, the importance of the Magna Carta, and the impact of the Black Death. To enhance their grasp of the medieval era, students will also take a trip to Warwick Castle.





## LANGUAGES

Students studying French and German will enhance their speaking, listening, reading, writing, and grammar skills through a variety of engaging topics. In French, they will explore the themes of 'School' and 'My Area,' concentrating on descriptions and sharing opinions. Meanwhile, in German, the focus will be on practising verbs associated with 'Free Time' and discussing their homes and communities under the theme 'Where I Live.' To support their learning outside the classroom, students are encouraged to share their knowledge with family members and use [www.languagenut.com](http://www.languagenut.com) for vocabulary practice and skill improvement.



## MUSIC

In the Summer Term, Year 7 students explore popular music through performance and composition. In Term 5, students develop their instrumental and ensemble skills by learning and performing accessible popular music pieces. In Term 6, students are introduced to digital composition using BandLab, where they learn how to create simple tracks using loops, beats and MIDI instruments while developing their understanding of structure and texture in popular music.

To enhance classroom activities, consider encouraging your child to visit Teaching Gadget, an interactive resource website, using the username KSHS and the password 456music..



## PSHE

In the early PSHE lessons of the summer term, Year 7 students will deepen their awareness of the various career paths open to them, including discussions on apprenticeships and further education options. They will explore the Unifrog platform to gather labour market insights while reflecting on their own skills and interests, understanding how these factors can shape their future careers. Following the Careers unit, Year 7 will move on to a Citizenship and Criminal Justice unit, where they will engage in a mock trial, taking on different roles within a courtroom environment. This interactive experience will shed light on the legal system in Britain, the role of evidence in police work, and will encourage meaningful conversations about the significance of fair justice and its impact on everyday life.





## SCIENCE

Students will deepen their understanding of essential concepts in Biology, Chemistry, and Physics. They will begin by learning about photosynthesis. The curriculum will also cover the digestion process.

In Chemistry, the emphasis will be on simple chemical reactions, where students will identify reactants and products and create symbol equations. The study will then advance to compounds.

In Physics, students will investigate magnets and electromagnets, followed by the fundamentals of motion. To solidify their knowledge, students are encouraged to practise writing equations, and drawing magnetic fields.



## ART

Students will immerse themselves in the Fabulous Fish project, where the colourful and diverse world of marine fish ignites their creativity and curiosity. The abstract approach of

J Vincent Scarpace offers an excellent opportunity for students to experiment with various techniques and media.

This curriculum integrates multiple subjects, including science, mathematics, and literacy, ensuring a well-rounded educational experience. Activities will include geometric patterning, observational drawing, and crafting sculptures from recycled materials. To end the unit, students will take a trip to the Skegness Aquarium for live observations that will enhance their learning.

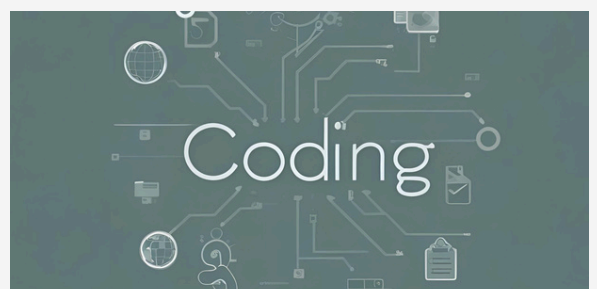


## COMPUTER SCIENCE

Students will learn to build a basic webpage using HTML and CSS, and then progress to exploring control systems with Flowol, which mimics real-world scenarios.

Beginners and those with some coding experience can benefit from the website:

<https://www.w3schools.com/html/>, which offers excellent resources to improve their skills.





## **PHYSICAL EDUCATION**

In Year 7, students will enhance their fundamental movement skills while gaining insights into the rules, strategies, and competitive aspects of physical activities. They are encouraged to collaborate within teams, improve their communication abilities, and provide mutual support during group tasks. Throughout the summer term, these competencies will be further refined through participation in athletics, tennis, and rounders.

This term will also feature the highly anticipated Sports Day, which promotes widespread involvement. The morning sessions will emphasize team sports as well as activities, allowing students to engage in Wii-dance, tennis, netball, and sitting volleyball. In the afternoon, the focus will shift to a more traditional athletics format, fostering a spirit of camaraderie and support with the whole school involved.

