

# WHAT IS YOUR YEAR 9 CHILD LEARNING THIS HALF TERM?

<b>APEX</b>	In APEX, students will learn about the school options processes and potential next steps after school. Students will develop an understanding of various career paths, the importance of transferable skills, networking and relationships with others.	<b>ART</b>	In art, students should be able to present personal and meaningful responses making links with the artists that they have researched.	<b>BIOLOGY</b>	In biology, students will study the lungs and the heart in more detail to understand how the different parts work to allow gas exchange and the transport of blood around the body. They also consider what is meant by health and risk factors for different diseases.	<b>CHEMISTRY</b>	In chemistry, students will further explore the development of the periodic table, one of the most fundamental parts of chemistry.
<b>COMPUTING</b>	In computing, students will learn how to use some simple programming techniques, including decision-making, looping and subroutines to create a quiz, puzzle or adventure game entirely in text using Python.	<b>DESIGN &amp; ENGINEERING</b>	In DT, students will look at how the development of papers and boards has influenced so many everyday products, whilst developing their own drinks packaging design.	<b>DRAMA</b>	In drama, students will explore how “the media” has an impact on our lives, with a focus on a theatre company.	<b>ENGLISH</b>	In English, students will explore the plot and character development of this Shakespearean tragedy through a series of creative reading and writing activities.
<b>FOOD &amp; NUTRITION</b>	In food preparation and nutrition, students will gain an understanding of the 14 major allergens and learn the difference between a food intolerance and food allergy.	<b>GEOGRAPHY</b>	In geography, students will learn about the most biodiverse ecosystem on the planet. From its climate to plants and animals through to threats such as deforestation and climate change.	<b>HISTORY</b>	In history, students will learn about the life of the Jewish community before the rise of Hitler and consider how and why the treatment of the Jewish people changed under Nazi rule.	<b>MATHS</b>	In maths, students will explore the links between sides and angles in right angled triangles. They are taught how and when to use Pythagoras’ theorem and the three trigonometric ratios.
<b>MFL</b>	In French and Spanish, students will talk about the facilities in towns as well as the advantages and disadvantages of town or country living whilst also exploring towns or cities in other countries.	<b>MUSIC</b>	In music, students learn the history of rock building on their knowledge from the Blues. Students explore a range of artists, scales, songs from 1960s onwards. Students learn about playing techniques and effects.	<b>PE</b>	In PE boys will take part in a range of sports including: rugby, football, hockey, badminton, fitness, volleyball, gymnastics, basketball and methods of training.  Girls will take part in a range of sports including: netball, rugby, badminton, hockey, fitness, gymnastics, volleyball, basketball and methods of training.	<b>PHYSICS</b>	In physics, students will continue to build on and develop the ideas linked to forces and movement from previous years. This topic will delve into greater depth around the mathematical understanding of the topic.
<b>RS</b>	In RS, students critically assess philosophical theories, for example Utilitarianism, in order to find out how and why some people behave according to morality and ethics						

"We are delighted to share with you the subject specific content that your child will learn during this half term. Last week was Year 9 X half progress evening. Thank you to all those who were able to attend. On Thursday 15 January is Year 9 Y half progress evening. The evening will provide you with an opportunity to discuss your child's current progress with all of their subject teachers. Students will also receive their options forms this half term on the week commencing Monday 2 February."