

## Year 9 TERMLY CURRICULUM

	English Language	English Literature	Mathematics	Science	History	Geography	Modern Foreign Languages
<b>Term 1</b>	Of Mice and Men- using text to inspire thematic ideas and creating writing	Of Mice and Men- exploring mature texts and complex ideas. Applying context and analysing character motivation,	Students will extend their understanding of laws of indices, utilising their fluency of arithmetic with positive and negative numbers, powers and roots to work with fractional indices. They will also deepen their understanding of standard form and are introduced to adding and subtracting of numbers in standard form. Students have worked with squares and square roots and will now apply this to simplification and arithmetic with surds. As students enter this third year, there is an increased emphasis on problem solving as students learn to write error intervals and link it to calculations with bounds.	In Biology - We are going to explore key concepts in Biology. This topic explores how to use microscopes, cells and how enzymes work within the body. In Chemistry - We are going to explore the 3 states of matter looking deeper into the arrangement and energy through particle theory. In Physics - Conservation of Energy. This topic covers energy transfers and where we get energy from. STEAM Skills Focus -	In term one, we begin with studying a unit called 'World War One and the Women's Suffrage Movement' and look at the origins, causes and the war itself. We cover the following topics:• Main Causes of the War• The Assassination of Archduke Franz Ferdinand • The Early Stages of the War• Signing up • The Trench System and conditions in the Trenches • The Battle of Somme	The First term of year 9 sees students studying globalisation; looking at why the world has become more interconnected and the benefits and drawbacks that it brings. Using the example of a mobile phone students will learn about the different manufacturing stages of products and the impacts that these have on different countries. Students will also look at trade, fairtrade and how consumers can make ethical decisions to improve the lives of producers around the world.	Family - Describing your family, relationships in your family, the changing face of the family in the 21st century in UK and target country, conflicts at home and resolutions for them.
<b>Term 2</b>	Exploration in Creative Reading and Writing using Shakespeare's creations of monsters as stimuli. Focus on developing literacy and communication.	Macbeth- analysis of language, exploring context, SMSC, evaluating key themes	Students spend considerable time working with inequalities this term, applying their understanding of manipulations of algebraic expressions and solving equations to this unit of work. Students also review their work on equations of straight lines from the previous academic year and apply this to drawing inequalities and regions on coordinate axis. This term will also focus on quadratic equations, exploring graphical and algebraic methods in detail. The remainder of the term covers applying their understanding of inverses in order to rearrange formulae and solving simultaneous equations algebraically and graphically.	In Biology - We are going to explore Cells and Control. This topic explores how specialised cells how the body grow and send signals. In Chemistry - We are going to explore the structure of the atom further and look at how it is constructed. We are then going to link it structure to the modern Periodic table. Additionally, we will look at how our modern Periodic Table has developed through time. In Physics - We are going explore waves. Describing waves, waves calculations, refraction, waves crossing boundaries, the ear, ultrasound and infrasound. STEAM Skills Focus -	In term two, we continue with our study of World War One and then go on to the consider the significance of the Women's suffrage movement. We cover the following topics: •The Homefront •The End of the War •The position of women before the 20th century •The early suffrage movement - The Suffragists•A move to militancy - The Suffragettes •Responses the Suffragettes •The role of the Suffragettes during World War One •Essay Skills Assessment – Significance Question	This term looks at the different type of ecosystems there are in the world - beginning with polar environments. Students will learn about how animals and humans have adapted to live in this environment before completing a piece of written work about this. Moving on students will learn about the causes and impacts of global warming, before looking at a world city and the different ecosystems in these urban areas. There is an emphasis written description and explanation skills this term.	Environment - Studying the world and how we can help the environment. Comparing UK and target language approach to the environment. Modal verbs and more complex grammar.
<b>Term 3</b>	Using The Crucible to inspire creative and persuasive writing. Debate through witch trial and exploring	The Crucible- analysing characterisation, applying to context, exploring connections between witch trials and McCarthyism, etc	Students review area and circumference of circles and extend this to area and perimeter of sectors. Students will use their fluency of solving equations to form and solve equations in order to find the size of angles in sectors. Students will advance from surface area and volume of prisms and look at other 3D solids. Students are introduced to trigonometry, using Pythagoras and SOH CAH TOA to find the size of missing lengths and angles in right-angled triangles. Students will review their work on transformations of 2D shapes and make links to their unit of work on similarity and congruence.	In Biology - We are going to explore Health, Disease and the Development of Medicines. This topic explores various types of diseases, how diseases spread and how we fight off diseases. In Chemistry - We are going to explore how different metals and metal and non-metal atoms join together to form compounds we use and see in our everyday lives. In Physics - We are going to explore light and the electromagnetic Spectrum. Ray diagrams, colour, lenses, electromagnetic waves, the electromagnetic spectrum, using the longer wavelengths, using the shorter wavelengths, radiation and temperature and the dangers of electromagnetic radiation. STEAM Skills Focus -	In term three, we study a unit called 'The Rise of the Dictators' where we focus on inter-war Europe with a specific focus on Russia and Germany. We cover the following topics:•Russia – Background, Revolution and Lenin •The Rise of Stalin•Hitler and the Road to Power •Hitler's consolidation of power •Life in Nazi Germany •Appeasement and causes of World War Two	Term 3 for year 9 sees students study one of the newer topics to the CTS KS3 curriculum, geography of sport. Students will begin by looking at the London 2012 games with a comparison to the 2014 Brazilian world cup and 2016 Olympics. Students will explore the links of post-colonial ties to the muscle drain taking place in Africa with the loss of their top athletes to European Countries.	Holidays - Where you go, have gone and will go, practicing the most common tenses. Describing activities on holiday and practicing tourist and travel transactions. How to deal with problems and ask for directions in Target Language country.

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<b>Term 4</b>	Non-fiction texts as stimulus for persuasive, argumentative and advice writing.	Cultural Capital Module: Exploring non-fiction texts over time- SMSC and cultural capital. Looking at key historical and cultural events.	Students will find averages from a list of data and learn to calculate quartiles in order to construct boxplots. Students will also learn to draw and interpret cumulative frequency diagrams and then use these diagrams to construct boxplots. Alongside histograms and time-series graphs, students will construct probability trees for both independent and dependent events.	In Biology - In this topic we will be exploring Genetics. This topic explores where the instructions for cells are located. In Chemistry - We are going to explore how different non-metals join together to form compounds we use and see in our everyday lives. We will also focus in on our Group 7 elements and their reactions. In Physics - We are going to explore radioactivity through atomic models, electrons and orbits, background radiation, types of radiation and radioactive decay. STEAM Skills Focus - Problem Solving	In term four, we study a unit called 'World War Two and the Holocaust'. We cover the main events of World War Two and the intricacies of the catastrophic event which is the Holocaust. We cover the following topics: • Blitzkrieg • Dunkirk • Battle of Britain + War on two fronts • The Significance of Alan Turing • D-Day • Potsdam/Yalta • The Holocaust • Interpretation Skills Assessment – the Holocaust	Term 4 for year 9 students sees them develop their understanding of the natural resources and how humans need, use and exploit them. To understand the changing energy mix of the UK and the world focussing on the development of renewables. To appreciate the impact of human population increase and threats to biodiversity.	Technology - Mobile phones, internet and social media. Advantages and disadvantages of technology. Opinions and justifications.
<b>Term 5</b>	War Poetry Module- Applying the poetry analysis to own writing. Exploring Journey's End and making connections with power and conflict poems.	Journey's end and power and conflict cluster- using Journey's End to analyse conflict poetry	Students conclude the year reviewing compound interest and depreciation and make links to exponential functions; a topic covered in detail at key stage 4. Students will work on ratio, forming and solving algebraic equations from equivalent ratios. This will provide opportunities for students to review their understanding of solving both linear and quadratic equations from earlier in the year. Students will build upon their previous work on proportion to form equations that model both direct and inverse proportion.	In Biology - We are going to explore Natural Selection and Genetic Modification. This topic explores the development of the theory of evolution and the importance of biodiversity. In Chemistry - We are going to explore rates of reactions which explores how changing the conditions surrounding a reaction can affect how fast the product is made. In Physics - We are going to explore forces and motion. Vectors, scalars, distance-time graphs, acceleration, velocity-time graphs, resultant forces, Newton's laws of motion, momentum, mass and weight, stopping distances and crash hazards. STEAM Skills Focus - Critical Thinking	In term five, we study a unit called 'Social and Political Protest in the UK and USA – A comparative study'. We consider the role of race and sex in both the UK and USA and compare the experiences of women and black people in both countries.	Term 5 for year 9 students is another case student. This is a final topic of KS3 and an accumulation of what will be a strong foundation of geographical knowledge. Students will demonstrate a good level of locational knowledge and their spatial awareness of the countries of Asia and Russia focusing on the environmental regions, key physical and human characteristics, countries and major cities.	Health and Illness - Describing the body, health and fitness, illness and injury. Conversations in a pharmacy or at the doctor's describing symptoms, injuries and treatments. What you should and shouldn't do to keep healthy and in shape.

## Year 9 TERMLY CURRICULUM

	Religious, Social & Cultural Studies	Computing	Design Technology	Music	Art	Physical Education	Drama
<b>Term 1</b>	In term one students look at the topic of mental health. The topic explores mental illness and how to spot the warning signs. In this topic students will also look at what support is available for people.	E-safety and software - Student will learn about the importance of staying safe, how to be safe online and how to be a positive online presence. Students will also explore the ethical side of computing and explore what overall effect they have had on different societies OAK NATIONAL EQUIVALENT: <a href="https://classroom.thenational.academy/units/impact-of-technology-collaborating-online-respectfully-35d0Software">https://classroom.thenational.academy/units/impact-of-technology-collaborating-online-respectfully-35d0Software</a> - Students will learn about different types of software and the role they play in computer systems. There is a large emphasis on the role of operating system software the relevant management applications that the operating system is involved with. In addition, students will learn about various utility software and the differences in licensing between open source and proprietary software. OAK NATIONAL EQUIVALENT: <a href="https://classroom.thenational.academy/units/mobile-app-development-4fbc">https://classroom.thenational.academy/units/mobile-app-development-4fbc</a>	Introduction to Product Design & Coffee Table.The students will be making a small coffee table using a variety of different wood joints such as a finger, dowel and butt joints. Other processes the students will learn about are laminating pieces of timbers together, the safe use of hand held tools and why select certain types of timbers. Students will complete an end of topic theory test on timbers.	Film and Music Students learn about the conventions of Film music. They acquire an understanding of how to compose music to create an intended effect in the listener. Students have the opportunity to compose to the moving image, as well as listening to a wide variety of music and learning more about orchestral arrangements. Oak National: <a href="https://classroom.thenational.academy/units/using-technology-musically-film-music-2371">https://classroom.thenational.academy/units/using-technology-musically-film-music-2371</a>	Skulls  This is a drawing and painting project that will focus on tone, proportion, highlight and shape to build a confident artist. Students will develop skills and techniques learnt in Year 8	Rugby/Football/Netball. Students begin to identify components of fitness needed to play specific sports and justify why they are needed using sporting examples. Students apply skills learnt in previous years to game based scenarios and continue to develop correct technique and consistency when performing the skill.	Rotation 1 Theatre styles: The aim of this module is to introduce students to the different theatre styles, such as physical theatre, melodrama, immersive theatre and naturalism. This will enable students to have a range of ideas at their disposal when they come to creating devised work, or work from a script.
<b>Term 2</b>	In term 2 students study religious actions and what it means to be a person of faith. This topic is about preparing the students for more ethical discussions and see how religion impacts people's moral decisions. This is followed by a citizenship topic, exploring media literacy. In this topic students will examine the Trump presidency and the issues of fake news that have been circulating around the White House since his inauguration	Digital media - Students will spend term 4 utilising the Adobe Creative Suite including Photoshop. Students will get a brief from a client which they will need to interpret, plan appreciate pre-production materials such as mood boards and visualisation diagram. Students will then create and evaluate a professional product for the client meeting their requirements. OAK NATIONAL EQUIVALENT: <a href="https://classroom.thenational.academy/units/design-vector-graphics-c0a6">https://classroom.thenational.academy/units/design-vector-graphics-c0a6</a>	Continue with the Coffee TableThis term, the students will focus on achieving a perfect finish to their product. They will learn about how to gain a smooth finish to a product using a variety of mediums before selecting a type of finish to their timber.Students will complete an end of topic theory test on timbers.	Ukulele - Students revisit the ukulele, and learn more complex chord sequences and strumming patterns. Students learn to play more extended pieces within an ensemble, and revise the key elements of popular music that they learnt previously. Musical performance is derived from tablature notation. Students explore further the construction of chords and chord sequences. Oak National: <a href="https://classroom.thenational.academy/units/band-musicianship-3-songs-for-a-better-world-125b">https://classroom.thenational.academy/units/band-musicianship-3-songs-for-a-better-world-125b</a>	Autumn Leaves Students will explore the work of artist Georgia O'Keeffe to explore genre. Throughout the unit, they will develop skills relating to pencil drawing and shading, and watercolour application.	Rugby/Football/Netball. Students begin to identify components of fitness needed to play specific sports and justify why they are needed using sporting examples. Students apply skills learnt in previous years to game based scenarios and continue to develop correct technique and consistency when performing the skill.	Rotation 2 Practitioners: In this module we look at the three 'giants' of the theatre world: Stanislavski, Brecht and Artaud. By understanding the influence of these practitioners, students are better able to understand the development of Western theatre, and are equipped with lenses through which to interpret the productions that they see, as well as techniques that they can apply to their own work.
<b>Term 3</b>	Students begin their journey of discovery of the Abrahamic religions by studying Judaism. Students will go beyond the main themes and stories and look at how Jews still try and practice their faith in the face of prejudice. This topic prepares the students to look at the Holocaust.	Systems Architecture and algorithms - Students will study the hardware that underpins the internal workings of a computer system and gain an understanding of how these components work together and share data. OAK NATIONAL EQUIVALENT: <a href="https://classroom.thenational.academy/units/computing-systems-1558Algorithms">https://classroom.thenational.academy/units/computing-systems-1558Algorithms</a> - Students will learn key algorithms that the computer uses when searching and sorting data. OAK NATIONAL EQUIVALENT - NOT AVAILABLE	Electronic Light Project. Students will design and make a desk lamp. Materials such as timbers, polymers, metals and processes of laser cutting, 3D printing and electronics are included within light project.Students will be assessed on theory content and practical project. Food Provenance: Where does our food come from? Food Waste. Using seasonal food. Food Commodities: Cereals; Vegetables; Fruit; Milk; Cheese & Yoghurt; Meat; Poultry; Fish; Soya, Tofu, Beans, Nuts, & Seeds. Food Choice: Costing Food; What's on a label; Traffic Light Labelling; Allergens; Factors Affecting Food Choice; British Cuisine; International Cuisines	Minimalism Students explore the music of Steve Reich, Phillip Glass and other great minimalist composers. This unit consolidates and extends the students' understanding of musical theory, their ability to respond critically to a musical piece, and their compositional confidence. Students explore advanced techniques such as phase shifting, microtonality and polytonal harmonies. Oak National: <a href="https://classroom.thenational.academy/units/fusions-b6e5">https://classroom.thenational.academy/units/fusions-b6e5</a>	Portrait Mark Making This new project looks at portrait and self-portraiture. Students will be able to use prior knowledge of drawing and mark making. Students will be able to use transferable skills in media and explore how to accurately place all of the features of the face in the correct place, understanding proportions, scale and creating some realism in their work through by adding tone.	Table Tennis/Trampolining/Fitness. Students develop understanding of what it means to lead an active healthy lifestyle, linking those to components of fitness needed for specific sports and highlighting areas to improve in individual performance. Students will be encouraged to try a more complex range of skills such as somersaults and turn tables.	Rotation 3 Devising project: This module provides an opportunity to engage in the devising process, synthesising all of the key skills and techniques learned so far this year. This provides students with the chance to develop key skills that are essential for any involvement in theatre productions, as well as being easily transferable to other collaborative projects in the workplace: problem-solving, self-reflection and communication skills. Devising a piece of drama is also a chance for students to really flex their imaginative muscles and engage with the world around them.

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	Religious, Social & Cultural Studies	Computing	Design Technology	Music	Art	Physical Education	Drama
<b>Term 4</b>	Following Judaism, it only makes sense that students develop their knowledge on the faiths emerging from the Middle East and look at Christianity. Sstudents will look at how Jesus used parables in order to spread his message. In this topic the parables told by Jesus will be used to evaluate the core beliefs and values of Christians. The next Citizenship topic looks at how government policy has been changed or influence through pressure groups and lobbyists.	Python hardware - Students spend Term 4 getting to grips with the Raspberry Pi Scrollbots and learn the fundamentals of displaying messages on to the screen including the current date and weather making using of advance libraries in python.OAK NATIONAL EQUIVALENT: <a href="https://classroom.thenational.academy/units/python-programming-with-sequences-of-data-7716">https://classroom.thenational.academy/units/python-programming-with-sequences-of-data-7716</a>	CAD/ CAM - CoastersThe students will learn about a variety of different CAD software's such as 2D Design, Adobe Photoshop and Solidworks. A firm understanding of each software will help the student to understand which would be the most suitable for their project. Using prior knowledge of the laser cutter, the students will laser cut a set of wooden coasters for their coffee table. Students will be assessed on theory content and practical project.		Shells This is a drawing and painting project in which students explore pattern, colour, shape and tone. Within this project, students will also explore magnification within their artwork, and the concept of scale.	Athletics/Badminton/Ultime Frisbee. Students will further analyse performance, describing technique using correct muscle groups and articulating bones. Students will be able to justify why performance was successful in terms of skill efficiency and execution.	
<b>Term 5</b>	Term 5 get students looking at the final Abrahamic religion, Islam. The theme of this topic is to broaden students' understanding of an often misunderstood faith dealing with misconceptions and looking at the connections between all three faiths. The final Citizenship topic of the year looks at rights of the LGBTQ+ community, and begins by looking at the significance of the stonewall riots.	Networks - Students learn the fundamental rules that govern communication between computer systems. Students also study the hardware required for network communication as well as the different types of network setup and their correct application and advantages OAK NATIONAL EQUIVALENT: <a href="https://classroom.thenational.academy/units/networks-from-semaphores-to-the-internet-4725">https://classroom.thenational.academy/units/networks-from-semaphores-to-the-internet-4725</a>	The students will learn about a variety of different CAD software's such as 2D Design, Adobe Photoshop and Solidworks. A firm understanding of each software will help the student to understand which would be the most suitable for their project. Using prior knowledge of the laser cutter, the students will laser cut a set of wooden coasters for their coffee table. Students will be assessed on theory content and practical project.		Freaky Faces To learn about collage, and build upon portrait skills acquired in term 3. Within this, students will work with found materials, and learn cutting, sticking and overlapping skills to create dimension and meaning.	Rounders/Cricket/Softball. Students are encouraged to demonstrate leadership and contribute ideas to team success. Students will continue to develop ways to outwit opponents, and strategically place shots. Students will analyse throwing technique and discuss the correct angle of release to create a successful throw.	