

YEAR 9 TERMLY CURRICULUM

YEAR 9	ART	BIOLOGY	CHEMISTRY	COMBINED SCIENCE	COMPUTER SCIENCE	DESIGN AND TECHNOLOGY	DRAMA	ENGLISH	GEOGRAPHY	HISTORY	MATHEMATICS	MEDIA STUDIES	MODERN FOREIGN LANGUAGES	PHYSICAL EDUCATION	PHYSICS	RELIGIOUS SOCIAL CULTURAL STUDIES	SOCIOLOGY
Term 1	Students are introduced to the GCSE coursework process. Students are given the assessment objectives for the GCSE Coursework, exemplar work is shown so that all students have written and visual examples of how to achieve levels in art. Students will start the term by thinking about project ideas after choosing a title for their coursework from 3 given by the art teacher. All elements of the process are checked with the teacher so that students are sure of the expected elements and how to achieve them.	SB1: Key Concepts in Biology. Exploring Cell Structure and Specialisation, Enzymes and enzyme action and Transporting substances including: Diffusion, Osmosis and Active transport.	SC1: States of Matter. This topic explores the arrangement and energy within the particle model. SC2: Separation and Purifying Substances. This topic explores how to separate various mixtures based on their properties. SC3: Atomic Structure. This topic explores how the atom is built looking at sub-atomic particles.	CB1: Key Concept+R3s in Biology. This topic explores how to use microscopes, cells and how enzymes work within the body. CC1: States of Matter. This topic covers the basics surrounding particle theory. CC2: Methods of Separation. This topic explores how to separate various types of mixtures. CP3: Conservation of Energy. This topic covers energy transfers and where we get energy from.	Networks - Students begin their GCSE study with the Networks topic. 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. Students will also spend the term revisiting the basics of Python programming using conditionals, loops and functions to create working software.	Energy consumption, Emerging technologies, Smart modern materials, mechanical devices, electronic systems, ferrous and non-ferrous metals.	Drama Practitioners- introduction to three different practitioners and style; Brecht, Artaud and Stanislavski as well as basic drama skills.	GCSE styled Victorian Fiction- The Sign of the Cross- introduction to exam skills	Year 9 students start their GCSE from their first lesson looking at what makes up an ecosystem and biome, the characteristics, locations, similarities and differences between them. Focusing heavily on both temperate, deciduous forests and tropical rainforests students take a detailed look at the different issues surrounding the use of these areas, and how they can be sustainably managed. Assessments take the form of longer mark essay questions and a 40-minute mock exam using AQA Exam	Year 9 student start with an introductory module to GCSE History: Dictators through the ages. The purpose of this module is for students to gain an overview of Modern World History in preparation for their GCSE topics. Students will examine three different dictators; Churchill, Mussolini and Hitler. This term focuses on knowledge and understanding of the bigger picture of the time period. There will be one written assessment at the end of the term.	Engage tasks take place every lesson and a close the Gap test every two weeks. Students will find the value of calculations using indices including positive, fractional and negative indices. Understand that the inverse operation of raising a positive number to a power and solve problems using index laws. Students will add, subtract, multiply and divide numbers in standard form and interpret a calculator display using standard form and know how to enter numbers in standard form. Extension will include understanding surd notation and simplify surd expressions involving squares.	Intro to media - analysing genres and their key conventions through various texts and clips.	Family - Relationships in your family, the changing face of the family in the 21st century in UK and target country. Arguments at home and solutions for them.	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.	SP3: Conservation of energy, energy stores and transfers, renewable energy resources, non-renewable energy efficiency. SP4: Waves. Describing waves, wave calculations, refraction, waves crossing boundaries, the ear, ultrasound and infrasound.	Term 1 students will be looking at different aspects of relationships. They will explore topics such as domestic violence, signs of negative relationships, what harassment and stalking is, if the UK deals with negative relationships well. This topic will allow students to gain an understanding of relationships as a whole and recognise if their certain relationships are healthy or unhealthy and what help there is out for them. There will be one written assessment at the end of the term.	Year 9 students will be introduced to the key concepts used in Sociology and how our culture is passed on. They will be introduced to one of the most popular areas of study in Sociology, which is basically about how we acquire our identities, identity refers to all of the characteristics which make up an individual's self. It refers to our 'sense of self' and how we think other people see us. There will be one written assessment at the end of the term.
Term 2	Students will be able to experiment with scale and media choosing images that reflect their chosen project title.	SB2: Cellular control. Exploring Mitosis, Growth, Stem Cells and the Nervous system including: the Brain, the eye, nerve structure and reflex arc and brain and spinal cord damage.	SC4: The Periodic Table. This topic explores how the periodic table has developed over time. SC18: Rates of Reactions. This topic explores how by changing the environment surrounding a reaction can adjust the speed of the reaction.	CB2: Cells and Control. This topic explores how specialised cells how the body grows and send signals. CC3: Atomic Structure. This topic explores the structure of the atom and how we calculated masses of elements on the periodic table. CC4: The Periodic Table. This topic explores how the Periodic Table developed throughout history. Skills focus: This topic allows students to strengthen their practical skills surrounding core practical techniques.	Systems Architecture and Memory - Students will study the fundamentals of systems architecture and gain an understanding of the workings of the Central Processing Unit (CPU) including the fetch/decode and execute cycle and the necessary registers required for the successful working of a CPU. Students will learn what factors affect the performance of a CPU as well as the different types of memory required in a computer system. Students continue the development of their programming skills to ensure they are ready for the Non-Examined Assessment in Year 10.	Polymers, Fabrics and Fibres, Timbers, Structures, Paste and present designers, Design strategies.	The Lion King - Studying of the musical production looking at aspects of character creation, technical aspects and staging of the production.	Exploration in Creative Reading and Writing using Shakespeare's creations of monsters as stimuli. Focus on developing literacy and communication	Term 2 students continue to look at tropical rainforests exploring specific examples of how they are used by humans, the effects of this, and different strategies that can be used to improve the sustainability of these fragile environments. Students will be assessed via a series of written essay questions, and timed exam questions. Following the conclusion of this topic, students begin looking at the urban environments topic, learning what defines an urban area and the different sizes of	Term 2 students begin their first GCSE topic Germany from 1890-1945. Germany will explore the success of Kaiser Wilhelm reign, the failure of the Weimar Government and the rise of Hitler. Students will continue to develop the cause and consequence of key events and use sources to develop a deeper understanding of events and individuals. Students will complete three exam questions at the end of the term.	Engage tasks take place every lesson and a close the Gap test every two weeks. Students will translate simple situations or procedures into algebraic expressions or formulae; derive an equation, solve the equation and interpret the solution. They will generate terms of a sequence from either a term-to-term or a position-to-term rule and recognise and use sequences of triangular, square and cube numbers, simple arithmetic progressions, Fibonacci type sequences and simple geometric progressions. Extension tasks will allow them to know the difference between an equation and an identity; argue mathematically to show algebraic expressions are equivalent, and use algebra to support and construct arguments and proofs	Narrative: Characters. Key Text: Disturbia, focusing on the roles characters play in story and linking to Propp's character theory	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.	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.	SP5: 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.	Term 2 students will be looking how healthy they are. We are exploring how local communities can help improve the health of students and what Corby do to help improve the health of the population. There will be a Get Fit Project the students will carry out which will be a chance for them to develop initiatives to get students involved in becoming healthier and more active. There will be one written assessment at the end of the term.	Term 2 students will begin their first GCSE topic on Families. This topic will look at their experiences of families in their lives and how much family has changed since the 1950's. Use will be used what they have learnt in term two to really develop their understanding and knowledge around the topic. There will be one written assessment at the end of the term.
Term 3	Students will be able to experiment with scale and media choosing images that reflect their chosen project title.	SB5: Health and Disease. Exploring communicable and non-communicable diseases. Human and plant defences, immunisation and the effects of antibiotics.	SC21: Earth and Atmosphere. This topic explores how our atmosphere has changed over the last 4 billion years. SC5-7: Types of Bonding. This topic explores how different compounds are bonded and the properties associated. SC17: Groups in the Periodic Table. This topic explores why specific elements have been grouped together.	CB5: Health, Disease and the Development of Medicines. This topic explores various types of diseases, how diseases spread and how we fight off diseases. CB3: Genetics. This topic explores where the instructions for cells are located. CP4: Waves. The topic explores how waves move and their properties. CP5: Light and the Electromagnetic Spectrum. This topic explores different parts of the EM Spectrum and their uses. CC14: Rates of Reaction. This topic explores how if you change the conditions	System Security - Students will investigate a number of different cyber attacks and the tools and techniques used to carry out attacks. Students will learn how they might keep computer systems safe from internal and external attacks and how to identify any potential vulnerabilities in a computer system / network.	Specialist material area (at teacher's discretion)	Devising a performance- Opportunity to devise a performance based on a stimulus. This will follow the outline and expectations of the devising coursework carried out in year 10.	Exploration of non-fiction survival stories. Exploring writing from perspective and forming critical opinions about texts.	Year 9 students continue looking at urban areas this term, looking at why cities have undergone massive amounts of change in the past and the world. Focusing on Rio as an example, students will study reasons for its growth alongside the problems that this has created, and the strategies put into place to address this. Students will be assessed using written essay questions and a short 30-minute exam question-based test.	Term 3 students begin their first GCSE topic Germany from 1890-1945. Germany will explore the success of Kaiser Wilhelm reign, the failure of the Weimar Government and the rise of Hitler. Students will continue to develop the cause and consequence of key events and use sources to develop a deeper understanding of events and individuals. Students will complete three exam questions at the end of the term3	Engage tasks take place every lesson and a close the Gap test every two weeks. Students will construct and interpret diagrams for grouped discrete data and continuous data i.e. histograms with equal and unequal class intervals. They will interpret, analyse and compare the distributions of data sets. They will draw and interpret scatter graphs of bivariate data and recognise correlation. Extension tasks will include drawing tables and line graphs for time series data. Students will also work with terminating decimals and their corresponding fractions; change recurring decimals into their corresponding fractions and vice versa.	Narrative: Structure. Key Text: Back to the Future. Focusing on how narratives communicate meaning through order. Analysis and comparison to Todotov's equilibrium theory and Strauss' Structuralism through binary opposition	Holidays - Where you go, have gone and will go, practicing the most common tenses. Describing a variety of situations. Global issues - disasters and incidents.	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.	SP1: Motion and SP2: 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.	Term 3 students will be looking at cuts. Students will be looking at What is a cult? What cults exist today, how can cults affect people's lives, what are the consequences of cults, who are most vulnerable to joining cults and examples of cults. This particular topic will give the students an opportunity to research an area in more detail there will be a documentary showcasing the different types of cults around the world. There will be one written assessment at the end of the term.	Term 3 students will continue studying Families. This topic will look at their experiences of families in their lives and how much family has changed since the 1950's. Use will be used what they have learnt in term two to really develop their understanding and knowledge around the topic. There will be one written assessment at the end of the term.
Term 4	Students will be able to experiment with scale and media choosing images that reflect their chosen project title.	SB3: Genetics. Exploring Meiosis, Inheritance, Alleles, Protein synthesis, mutations, multiple and missing genes and their effects on the body.	Skills focus. This topic allows students to strengthen their ability to follow the scientific method. SC20: Fuels. This topic explores the role of fuels in our society. This includes separation, reactions and concerns.	CP1: Motion. This topic explores how we can mathematically express movement and motion. CB4: Natural Selection and Genetic Modification. This topic explores the development of the theory of evolution and the importance of biodiversity. Revision: This topic allows students to strengthen their knowledge covering the content from this academic year. Skills focus: This topic allows students to strengthen their practical skills surrounding core practical techniques.	Software - Students will learn about the different types of software available, with an emphasis on proprietary and open source software. Students will know the key differences between these licensing formats and their respective advantages / disadvantages. Students will also learn about the function of the operating system and the relevant utility software available on computer systems including compression, encryption and defragmentation software.	Specialist material area (at teacher's discretion)	Script Study: Our Day out Study of a script, exploring writers' intent, Directing and acting choice, as well as technical aspects. With a focus on the type of questions which will occur in their end of GCSE exam.	GCSE styled modern poetry module with GCSE poems introduced as unseen. Developing poetry analysis skill in preparation for Year 10	In term 4 students will continue to look at cities this term from a UK perspective, using Leicester as a case study for urban growth, change and renewal following recent investment in the city. Students will study reasons why Leicester has grown, its position and place within the UK as well as its independence on other areas both nationally and internationally. Specific improvement schemes will be studied as case studies which in turn will be used for exam questions used in assessments, and the urban fieldwork	Term 4 students begin their first GCSE topic Germany from 1890-1945. Germany will explore the success of Kaiser Wilhelm reign, the failure of the Weimar Government and the rise of Hitler. Students will continue to develop the cause and consequence of key events and use sources to develop a deeper understanding of events and individuals. Students will complete a mock exam at the end of the term.	Engage tasks take place every lesson and a close the Gap test every two weeks. Students will know the formulae for Pythagoras' theorem, and the trigonometric ratios sine, cosine and tan; apply them to find angles and lengths in right-angled triangles. Extension tasks will include knowing the exact values of sin and cos for =0°, 30°, 45°, 60° and 90°; know the exact value of tan for θ = 0°, 30°, 45° and 60°. Students will also plot graphs of equations that correspond to straight-line graphs in the coordinate plane; use the form = + to identify parallel and perpendicular lines; find the equation of the line through two given points, or through one point with a given gradient. Extension task will include calculating or estimating gradients of graphs and areas under graphs.	Introduction to Media Language: How films communicate through camera, mise-en-scene, sound and editing to create meaning. Focus: Barthes Denotation/Connotations theory. Mise-en-scene - Key Text: Titanic - looking at the 7 elements of mise-en-scene and how they create meaning for the audience through their conventions.	Technology - Mobile phones, internet and social media. Advantages and disadvantages of technology. Opinions and justifications.	Athletics/Badminton/Ultimate 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.	SP10 and 11: Electricity, Circuits, Magnetism and the Motor Effect. Circuit components, current, charge, energy, resistance, electrical power, electrical safety, static electricity, dangers and uses of static electricity and electric fields.	Term 4 students will look at how has religion changed the world. We will be looking through the history of how religion used to dominate the UK and how it has evolved over time. We will look at topics such as terrorism, diversity in society, workplace communities and how can religion influence society. Students will gain an understanding how religion is still dominated in our countries compared to the UK. Students will debate key issues they may be faced in the future. There will be one written assessment at the end of the term.	Term 4 students will focus on the Education topic. We will be looking people's experiences of school and how it differs according to your social class. Students will be looking at inequalities in the education system. The difference in attainment between social classes, ethnic groups and boys and girls. Discussion points for students will be why do middle-class pupils tend to do better at school than working-class pupils, are schools patriarchal? There will be one written assessment at the end of the term.
Term 5	Students will be able to experiment with scale and media choosing images that reflect their chosen project title.	SB4: Natural and Artificial selection. Exploring Darwin's theory of evolution as well as selective breeding and genetic engineering and their effects on agriculture and medicine.	SC9: Calculations Involving Masses. This topic explores how Chemists express amounts of atoms in compounds or in a reaction. SC15: Dynamic Equilibria. This topic explores the idea of reversible chemical reactions and how you can force the reaction in a specific direction.	CP2: Forces and Motion. This topic explores Newton's three laws of motion. CC5-7: Bonding. This topic explores how different element bond together and how this links with their properties. Skills focus: This topic allows students to strengthen their practical skills surrounding core practical techniques.	NEA Preparation - Students will spend Term 5 honing their programming skills to prepare for the completion of the Non-Examined Assessment (NEA) in Term 1 of Year 10. Practice will be focussed on advanced skills such as writing/reading to external files as well as the importance of testing throughout development and how to log results. Students will complete a past NEA to ensure they are fully prepared.	Re-cap on 'core' theory	Newsies - A study of a live performance. Giving opportunities to exploring directing, acting and technical choices. With a focus on the type of questions which will occur in their end of GCSE exam.	GCSE introduction: An Inspector Calls. Students will experience their first taste of studying a text that will be in their GCSE. Exam technique and exploration of assessment objectives in relation to the text.	Term 5 students will continue to look at natural hazards focusing specifically on location and reasons for this, impacts and responses to named hazards in HICs (Honshu, Japan, 2011, Volcano - Iceland, 2010) and LICs (Haiti, 2004 and Nepal- 2015). Students will also look at weather hazards including about why weather patterns happen in certain areas and hurricanes (Typhoon Haiyan, 2013 and Hurricane Katrina, 2005 as a comparison). To complete the term students will look at causes evidence for natural and human	Term 5 students will start the second module for their exam Conflict and Tension in Asia. Students will explore the Korean War 1950-1953 and the Vietnam War 1955-1975. Students will continue to learn the knowledge and content of the various events in both the war. As well as draw connection of secondary concepts such as cause and consequence to gain a deeper understanding of the topic.	Engage tasks take place every lesson and a close the Gap test every two weeks. Students will identify, describe and construct congruent and similar shapes, including on a coordinate axis, by considering rotation, reflection, translation and enlargement (including fractional and negative scale factors). Extensions will include describing the changes and invariance achieved by combinations of rotations, reflections and translations. They will describe translations as 2D vectors. Extensions will include the addition and subtraction of vectors, multiplication of vectors and column representations of vectors.	Film Marketing intro. Intro to Photoshop via Guardians of the Galaxy tutorial. Learning the basic skills and tools of the programme. Making links to Blumer & Katz Gratifications theory.	Grammar and Tenses - Practicing and revising all key GCSE grammar tenses, word order, opinions. End of year exams in all skills.	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.	SP8 and SP9: Energy and Power, objects affecting each other, vector diagrams and rotational forces.	Term 5 students will learn about how they can manage money effectively. This topic will allow students to start developing ideas on the different types of cards there are, they can borrow money, the pension scheme and much more. They will be set off on money management project to showcase their understanding on what they have learnt about managing their finances more effectively. There will be one written assessment at the end of the term.	Term 5 students will continue studying at Education. We will be looking people's experiences of school and how it differs according to your social class. Students will be looking at inequalities in the education system. The difference in attainment between social classes, ethnic groups and boys and girls. Discussion points for students will be why do middle-class pupils tend to do better at school than working-class pupils, are schools patriarchal? There will be one written assessment at the end of the term.