

## Year 9 Curriculum Outline 2019/20

The table below provides an outline of which topics/modules are planned to be taught in each of the three terms across the year. The topics/modules may not be taught in the order listed, but should be taught during the term outlined.

Subject	Autumn Term	Spring Term	Summer Term
Art and Design (GCSE) Pearson Edexcel FA0	<p><b>FOUNDATION UNIT</b>  <b>TOPIC: SURFACES AND TEXTURES</b>  <b>Key Skills: objective observation, media &amp; annotation –mark making inc. painting, drawing, printmaking, mixed media, collage/montage, photography and computer aided image manipulation.</b></p> <ul style="list-style-type: none"> <li>• Generating ideas, visual research, developing &amp; refining original source material</li> <li>• linking contextual studies</li> <li>• extending and refining ideas</li> <li>• meeting assessment objectives</li> <li>• experimenting with different materials and techniques</li> <li>• resolving problems</li> <li>• realising ideas / presenting final work</li> </ul>	<p><b>TOPIC: THEMATIC COMPONENT</b>  <b>Key Skills: media selection/ critical reflection/contextual/cultural understanding/print /sculpture/3D construction</b></p> <ul style="list-style-type: none"> <li>• how to generate interesting/original ideas from a body of work</li> <li>• portfolio development</li> <li>• effective annotation</li> <li>• printmaking</li> <li>• 3D outcome</li> <li>• preparing for end of year assessment and maximising impact and presentation summer project development</li> </ul>	<p><b>TOPIC: YEAR 9 MOCK EXAM</b>  <b>Key Skills: working with independence/ understanding effective examination preparation and planning to meet assessment criteria</b></p> <ul style="list-style-type: none"> <li>• understanding assessment and addressing objectives</li> <li>• impact/presentation</li> <li>• preparation/planning studies for mock examination</li> <li>• gallery visit / contextual links</li> <li>• reflection for progression</li> <li>• personal outcome(s)</li> <li>• Evaluation</li> </ul>
Biology (GCSE) Pearson Edexcel 1B10	<ul style="list-style-type: none"> <li>• cells and cell transport</li> <li>• respiration</li> <li>• lungs</li> <li>• Heart and circulatory system</li> </ul>	<ul style="list-style-type: none"> <li>• Heart and circulatory system (cont'd)</li> <li>• Plant structure and function</li> </ul>	<ul style="list-style-type: none"> <li>• Homeostasis</li> </ul>
Chemistry (GCSE) Pearson Edexcel 1CH0	<ul style="list-style-type: none"> <li>• atomic structure and bonding</li> <li>• acids, alkalis, bases and salts</li> <li>• the Periodic Table and Group Trends</li> </ul>	<ul style="list-style-type: none"> <li>• solubilities</li> <li>• qualitative analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction to Chemical Calculations</li> <li>• the atmosphere</li> <li>• separating and purifying</li> </ul>
Computer Science (GCSE) OCR J276	<ul style="list-style-type: none"> <li>• Hardware Projects – physical computing with the Raspberry Pi</li> <li>• 1.1 Systems architecture</li> <li>• 2.5 Translators &amp; facilities of languages</li> <li>• 1.2 Memory</li> <li>• 2.4 Computational logic</li> <li>• Robot Wars</li> </ul>	<ul style="list-style-type: none"> <li>• 2.1 Computational thinking &amp; algorithms</li> <li>• 2.2 Programming techniques</li> <li>• 1.3 Storage</li> <li>• 1.7 Systems software</li> <li>• 3D Design – Printing small artefacts</li> <li>• Murder at the Museum</li> </ul>	<ul style="list-style-type: none"> <li>• Robotics and Artificial Intelligence</li> <li>• Exam Preparation</li> <li>• Year 9 Examination process</li> <li>• System development life cycle</li> <li>• Process for success</li> <li>• Programming Project</li> <li>• Escape room</li> <li>• One day visit to Essex University Robotics department</li> </ul>

Subject	Autumn Term	Spring Term	Summer Term
Drama (GCSE) WJEC Eduqas 3690QS	An introduction to the course. History of World Theatre part one: Ancient Greek Theatre  Practical assessment – extract from Euripides/Sophocles  History of World Theatre part two: Medieval Mystery and Morality Plays  Practical assessment – production of devised medieval morality play	History of World Theatre part three and c Mini research project looking at context, structure and socio-historic aspects of Elizabethan Theatre close textual study. Elizabethan Theatre  History of World Theatre part three and close textual study. Elizabethan /Jacobean Theatre  Practical assessment – production of scene from text studied	History of World Theatre part four – Victorian Melodrama  Practical assessment with director’s notebook  An introduction to modern theatre – the work of Bertolt Brecht.  Year 9 examination  Mini-Devised piece using stimulus provided
English (Introduction to English Language AQA 8700 and Literature – AQA 8702)	<ul style="list-style-type: none"> <li>• The Gothic Genre: main text either <i>Frankenstein</i>, <i>Jane Eyre</i> or <i>Dracula</i> - plus skills for writing</li> <li>• Modern Drama – main text either <i>Journey’s End</i>, <i>Streetcar Named Desire</i>, <i>Hobson’s Choice</i>, <i>The Crucible</i> or <i>The Importance of Being Earnest</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Of Mice and Men</i> by John Steinbeck</li> <li>• <i>Macbeth</i> by William Shakespeare</li> <li>• Preparation for the GCSE Spoken Language Component</li> </ul>	<ul style="list-style-type: none"> <li>• Reading and Writing Non-Fiction – Reading and writing a variety of non-fiction texts and analysing the effect of the writers’ methods</li> <li>• <i>Love and Relationships</i> Poetry Anthology</li> </ul>
French (GCSE) AQA 8658 French Foundation Textbook OUP	<p><b>Revision, consolidation and extension of grammar from Years 7 and 8.</b></p> <p><b>Theme 1: Identity and culture</b>            Topic 1: Me, my family and friends            Topic 2: Technology in everyday life            Topic 3: Free-time activities            Topic 4: Customs and festivals</p> <p>(Weekly vocabulary tests and regular translation practice throughout)</p>	<p><b>Theme 2: Local, national, international and global areas of interest</b>            Topic 1: Where you live            Topic 2: Social issues            Topic 3: Global issues (begin)</p> <p>(Weekly vocabulary tests and regular translation practice throughout)</p>	<p><b>Theme 2: Local, national, international and global areas of interest</b>            Topic 3: Global issues (finish)            Topic 4: Travel and Tourism</p> <p><b>Year 9 exams</b></p> <p><b>Theme 3: Current and future study and employment</b>            Topic 1: Life at school/college            Topic 2: Jobs, career choices and ambitions            (Weekly vocabulary tests and regular translation practice throughout)</p>

Subject	Autumn Term	Spring Term	Summer Term
Geography (GCSE) AQA 8035	The Challenge of Natural Hazards <ul style="list-style-type: none"> <li>• Natural Hazards</li> <li>• Tectonic Hazards</li> <li>• Weather Hazards</li> <li>• Tropical Storms</li> <li>• Extreme Weather in the UK</li> <li>• Climate Change</li> </ul>	The Challenge of Resource Management <ul style="list-style-type: none"> <li>• UK resources – Food, Energy and Water</li> <li>• Global food security</li> <li>• Geographical Issue Evaluation</li> </ul>	Geographical Applications <ul style="list-style-type: none"> <li>• Geographical skills</li> </ul> Urban Issues & Challenges <ul style="list-style-type: none"> <li>• Urban Growth</li> <li>• Urban Change</li> </ul>
German (GCSE) AQA 8668 German Foundation text book OUP  G (groundwork) pages for all topics.	<b>Revision, consolidation and extension of grammar from Years 7 and 8.</b>  <b>Theme 1: Identity and culture</b> Topic 1: Me, my family and friends Topic 2: Technology in everyday life Topic 3: Free-time activities Topic 4: Customs and festivals  (Weekly vocabulary tests and regular translation practice throughout)	<b>Theme 2: Local, national, international and global areas of interest</b> Topic 1: Where you live Topic 2: Social issues Topic 3: Global issues (begin)  (Weekly vocabulary tests and regular translation practice throughout)	<b>Theme 2: Local, national, international and global areas of interest</b> Topic 3: Global issues (finish) Topic 4: Travel and Tourism  <b>Year 9 exam</b>  <b>Theme 3: Current and future study and employment</b> Topic 1: Life at school/college Topic 2: Jobs, career choices and ambitions  (Weekly vocabulary tests and regular translation practice throughout)
History (GCSE) AQA 8145	Germany, 1890-1944: Democracy and Dictatorship (Paper One) <ul style="list-style-type: none"> <li>• Germany and the growth of Democracy               <ul style="list-style-type: none"> <li>○ Kaiser Wilhelm II and the difficulties of ruling Germany</li> <li>○ Impact of the First World War</li> <li>○ The Stresemann era</li> </ul> </li> <li>• Germany and the Depression               <ul style="list-style-type: none"> <li>○ The Depression and the rise of the Nazis</li> <li>○ The failure of Weimar democracy</li> <li>○ The establishment of Hitler's dictatorship</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• The experiences of Germans under the Nazis               <ul style="list-style-type: none"> <li>○ Economic changes</li> <li>○ Social policy and practice</li> <li>○ Control and resistance</li> </ul> </li> </ul>	Conflict and Tension in Asia, 1950-1975 (Paper Two) <ul style="list-style-type: none"> <li>• Conflict in Korea               <ul style="list-style-type: none"> <li>○ The causes of the Korean War</li> <li>○ The development of the Korean War</li> <li>○ The end of the Korean War and its significance for Cold War relations</li> </ul> </li> </ul>

Subject	Autumn Term	Spring Term	Summer Term
Latin (GCSE) OCR J282	<ul style="list-style-type: none"> <li>• revision of year 8 vocabulary and grammar</li> <li>• expansion of grammar to include all tenses and cases; Comparison of Adjectives; Participles;</li> <li>• background work on Mythology</li> <li>• regular grammar and translation exercises</li> </ul>	<ul style="list-style-type: none"> <li>• increasing competence in translation skills and familiarisation with the language itself</li> <li>• increased vocabulary knowledge</li> <li>• new grammar [ Passive; Deponent Verbs ;Subjunctive ]</li> <li>• vocabulary tests</li> <li>• regular translation</li> </ul>	<ul style="list-style-type: none"> <li>• new grammar</li> <li>• regular translation work</li> </ul>
Mathematic (GCSE) Pearson Edexcel 1MA1	<p>1) Number (Edexcel SOW Unit 1):</p> <p>1.1 Number problems and reasoning</p> <p>1.2 Place value and estimating</p> <p>1.3 HCF and LCM</p> <p>1.4 Calculating with powers (indices)</p> <p>1.5 Zero, negative and fractional indices</p> <p>1.6 Powers of 10 and standard form</p> <p>1.7 Surds Algebra (Edexcel SOW Unit 2):</p> <p>2.1 Algebraic indices</p> <p>2.2 Expanding and factorising</p> <p>2.3 Equations</p> <p>2.4 Formulae</p> <p>2.5 Linear sequences</p> <p>2.6 Non-linear sequences</p> <p>2.7 More expanding and factorising</p> <p>3) Interpreting and representing data (Edexcel SOW Unit 3):</p> <p>3.1 Statistical diagrams 1</p> <p>3.2 Time series</p> <p>3.3 Scatter graphs</p>	<p>3) Interpreting and representing data (Edexcel SOW Unit 3 continued):</p> <p>3.4 Line of best fit</p> <p>3.5 Averages and range</p> <p>3.6 Statistical diagrams 2</p> <p>4) Fractions, ratio and percentages (Edexcel SOW Unit 4):</p> <p>4.1 Fractions</p> <p>4.2 Ratios</p> <p>4.3 Ratio and proportion</p> <p>4.4 Percentages</p> <p>4.5 Fractions, decimals and percentages</p> <p>5) Angles and trigonometry (Edexcel SOW Unit 5):</p> <p>5.1 Angle properties of triangles and quadrilaterals</p> <p>5.2 Interior angles of a polygon</p> <p>5.3 Exterior angles of a polygon</p> <p>5.4 Pythagoras' Theorem 1</p> <p>5.5 Pythagoras' Theorem 2</p> <p>5.6 Trigonometry 1</p> <p>5.7 Trigonometry 2</p>	<p>6) Graphs (Edexcel SOW Unit 6):</p> <p>6.1 Linear graphs</p> <p>6.2 More linear graphs</p> <p>6.3 Graphing rates of change</p> <p>6.4 Real-life graphs</p> <p>6.5 Line segments</p> <p>6.6 Quadratic graphs</p> <p>6.7 Cubic and reciprocal graphs</p> <p>6.8 More graphs</p> <p>7) Area and volume (Edexcel SOW Unit 7):</p> <p>7.1 Perimeter and area</p> <p>7.2 Units and accuracy</p> <p>7.3 Prisms</p> <p>7.4 Circles</p> <p>7.5 Sectors of circles</p> <p>7.6 Cylinders and spheres</p> <p>7.7 Pyramids and cones</p>

Subject	Autumn Term		Spring Term		Summer Term	
Music (GCSE) Edexcel 1MU0	<b>Component 1 – Performing</b>  Pupil prepare for class solo performance Class Ensemble Performance  <b>Component 2 – Composition</b>  How to Compose – introduction to composition through workshops Using Sibelius to compose a musical score Using Garageband to produce music  Composition to set brief  <b>Component 3 – Appraising</b>  Enhancing listening skills and techniques Instrumental Music through the Ages		<b>Component 1 – Performing</b>  Continued solo performance Small ensemble performances  <b>Component 2 – Composition</b>  Developing Music Ideas through composition Continued composing to set briefs  <b>Component 3 – Appraising</b>  Writing Evaluative assignments Vocal Music Music for Stage & Screen		<b>Component 1 – Performing</b>  Preparation for end of term performance  <b>Component 2 – Composition</b>  Continued composing to set briefs  <b>Component 3 – Appraising</b>  Music for Stage and Screen (Continued) World Music & Fusions	
PE (GCSE) AQA 8582	Theory <ul style="list-style-type: none"> <li>• Skeletal System</li> <li>• Muscular System</li> <li>• Movement Analysis</li> </ul>	Practical Netball  Trampolining  Cross country/athletics  Climbing	Theory <ul style="list-style-type: none"> <li>• Movement Analysis</li> <li>• Respiratory System</li> <li>• Circulatory System</li> </ul>	Practical Netball  Trampolining  Cross country/athletics  Climbing	Theory <ul style="list-style-type: none"> <li>• Aerobic &amp; anaerobic</li> <li>• The immediate &amp; short term effects of exercise</li> <li>• Recovery</li> <li>• Long term effects of exercise</li> </ul>	Practical Athletics  Swimming  Climbing
PSHCE	<ul style="list-style-type: none"> <li>• Resilience for Success 1-5</li> <li>• Great Expectations</li> <li>• Risks: Smoking &amp; Drugs</li> <li>• Mass Media</li> <li>• Human Rights</li> <li>• Diversity</li> <li>• Citizenship</li> </ul>		<ul style="list-style-type: none"> <li>• Finance 1-6</li> <li>• Environment 1&amp;2</li> <li>• Careers</li> </ul>		<ul style="list-style-type: none"> <li>• SRE 1-8</li> <li>• Review of Year/PSHE Themes</li> </ul>	

Subject	Autumn Term	Spring Term	Summer Term
Physics (GCSE) Pearson Edexcel 1PH0	<ul style="list-style-type: none"> <li>• Forces and Motion</li> <li>• Mechanical Devices</li> <li>• Fluid Physics</li> <li>• Static Electricity</li> </ul>	<ul style="list-style-type: none"> <li>• Electric Circuits</li> <li>• Astrophysics</li> <li>• Electromagnetism</li> </ul>	<ul style="list-style-type: none"> <li>• Nuclear and Particle Physics</li> <li>• Project</li> </ul>
Psychology (GCSE) Edexcel 1PS0	<p><b>Core Topic 1: Development – How did you develop?</b> Students need to understand:-</p> <ul style="list-style-type: none"> <li>• Early brain development, the eye</li> <li>• The role of education and intelligence, including Piaget’s Theory of Cognitive Development</li> <li>• The effects of learning on development using Carol Dweck’s fixed/ growth Mindset theory</li> <li>• Daniel Willingham’s learning theory</li> <li>• The key studies of Piaget and Inhelder (1956) Three Mountains Task and Gunderson et al. (2013) Parent Praise to 1-to 3-Year-Olds</li> <li>• Morality issues in psychology and the individual</li> </ul> <p><b>Core Topic 11: Research methods – How do you carry out psychological research?</b></p> <ul style="list-style-type: none"> <li>• Be able to identify the Key Variables e.g. IV/DV</li> <li>• The influence of extraneous variables and ways to control for them, including</li> <li>• Be able to write a null hypothesis and alternative hypothesis</li> <li>• Methods of sampling</li> <li>• Practical activity 1</li> </ul>	<p><b>Core Topic 2: Memory – How does your memory work?</b></p> <ul style="list-style-type: none"> <li>• The structure and process of memory and information processing</li> <li>• The features of short-term and long-term memory, including: duration and capacity</li> <li>• Retrograde and anterograde amnesia (terms and symptoms)</li> <li>• The active process of memory through the</li> <li>• Theory of Reconstructive Memory (Bartlett, 1932)</li> <li>• The structure and process of memory through the Multi-store Model of Memory (Atkinson and Shiffrin, 1968)</li> <li>• The key studies of Bartlett (1932) War of the Ghosts and Peterson and Peterson (1959) Short-term Retention of Individual Verbal Items</li> <li>• The reductionism and holism debate</li> </ul> <p><b>Core Topic 11: Research methods – How do you carry out psychological research?</b></p> <ul style="list-style-type: none"> <li>• Experimental and research designs</li> <li>• Knowledge of experimental research methods e.g. the laboratory experiment</li> <li>• Knowledge of non-experimental methods e.g. Interviews and questionnaires, observations etc</li> <li>• Practical activity 2</li> </ul>	<p><b>Option Topic 9: Sleep and dreaming – Why do you need to sleep and dream?</b> Students need to understand:-</p> <ul style="list-style-type: none"> <li>• The functions, features and benefits of sleep</li> <li>• The internal and external influences on sleep (Body rhythms, Hormones, Zietgebers)</li> <li>• The symptoms and explanations of sleep disorders including: insomnia and narcolepsy</li> <li>• The Freudian theory of dreaming (Freud, 1900)</li> <li>• Understand Activation Synthesis Theory (Hobson and McCarley, 1977)</li> <li>• The key studies of Freud (1909) Little Hans, analysis of a phobia in a five-year old Boy and Siffre (1975) Six months alone in a cave.</li> </ul> <p><b>Core Topic 11: Research methods – How do you carry out psychological research?</b></p> <ul style="list-style-type: none"> <li>• Reliability and Validity Issues when conducting research</li> <li>• Knowledge and practice of data analysis techniques</li> <li>• Understand, and know the difference between primary data &amp; secondary data and qualitative data &amp; quantitative data</li> <li>• Understand ethical issues in psychological research and how to deal with them</li> <li>• Practical activity 3</li> </ul>

Subject	Autumn Term	Spring Term	Summer Term
Religious Studies (GCSE) OCR J625	<b>Christianity Practices</b>  Worship Sacraments Prayer Pilgrimages & Celebrations Mission Role of Christianity in local community & wider world	<b>Islam Beliefs and Teachings</b>  Core beliefs Nature of Allah Prophethood Books Angels Eschatological Beliefs & Teachings Life After Death	<b>Islam Practices</b>  The importance of practices Public & private acts of worship Hajj, Zakah & Sawm Festivals Jihad  <b>Religion, philosophy and ethics in the modern world from a Christian perspective:</b>  Relationships and Families

**Year 9 Core PE Programme of Study 2019-2020**

	<b>9AA</b>	<b>9BB</b>	<b>9CC</b>	<b>9DD</b>	<b>9EE</b>
<b>4 Weeks</b>	Netball	Table Tennis	Dance	Netball	Table Tennis
<b>3 Weeks</b>	Table Tennis	Netball	Basketball	Table Tennis	Netball
<i>Half Term</i>					
<b>4 Weeks</b>	Basketball	Life Saving	Netball	Basketball	Life Saving
<b>3 Weeks</b>	Football	Dance	Badminton	Football	Dance
<i>Christmas Break</i>					
<b>3 Weeks</b>	Dance	Badminton	Table Tennis	Dance	Basketball
<b>3 Weeks</b>	Life Saving	Basketball	Gymnastics	Life Saving	Badminton
<i>Half Term</i>					
<b>3 Weeks</b>	X-Country	X-Country	X-Country	X-Country	X-Country
<b>3 Weeks</b>	Badminton	Football	Life Saving	Badminton	Football
<i>Easter</i>					
<b>3 Weeks</b>	Athletics/Rounders	Athletics/Rounders	Cricket	Athletics/Rounders	Cricket
<b>2 Weeks</b>		Cricket	Athletics/Rounders		Athletics/Rounders
<i>Half Term</i>					
<b>1 Week</b>	<b>Year 9 Examinations</b>	<b>Year 9 Examinations</b>	<b>Year 9 Examinations</b>	<b>Year 9 Examinations</b>	<b>Year 9 Examinations</b>
<b>2 Week</b>	Athletics/Rounders	Cricket	Athletics/Rounders	Athletics/Rounders	Athletics/Rounders
<b>3 Weeks</b>	Cricket	Athletics/Rounders		Cricket	