

AYLESBURY GRAMMAR SCHOOL KEY STAGE 3 CURRICULUM



Subject	Year 7	Year 8	Year 9
Art	<p>Thematic – New Beginnings Foundation Project Observing and recording Developing use of a range of media Developing ideas, skills and techniques Developing use of imagination Introduction to artist appreciation Introduction to colour theory Developing research skills Develop reflective writing skills</p>	<p>Thematic – Identity and Culture Developing artist appreciation– Exploring self-portraiture Observing and recording Develop research and design skills Develop ideas using imagination Develop the use of different media Develop writing skills</p>	<p>Thematic The Pop Art Movement Observing and recording Artist appreciation Developing research skills Working in the style of an artist/movement Developing design skills Colour theory Exploration of a range of media Developing painting skills and techniques Model making Develop writing skills</p>
Classics	<p>Classical Studies Myths from Ovid – literary appreciation of English translations of Roman myths The World of the Epic Hero – exploring the tales of Homer and learning about the key concepts in Homeric Epic in translation Athens and Sparta – exploring historical sources in translation from the 5th Century BCE, investigating different styles of government and the impact of conflict</p>	<p>Latin – Imperium Book 1 Nouns and the Case system: Nominative, Vocative, Accusative, Genitive, Dative, Ablative Verbs: Present Tense, Infinitive, Positive and Negative Imperatives, Impersonal Verbs Translation: Latin into English and English into Latin Background Childhood during the Roman period, the lives of women, Roman</p>	<p>During the academic year 2017/2018, students are following the same course as Year 8. In the Academic Year 2018/2019 they will study as follows: Latin – Cambridge Latin Course 1 Nouns: As Year 8 Verbs: As Year 8 + the perfect tense, the imperfect tense, verbs which take a dative as object Adjectives Comparatives and Superlatives</p>

		<p>entertainment, the life of the Emperor Trajan, rituals regarding death and burial</p> <p>Roman Monopoly Project During the year, students work on an extended group project to understand the Roman Empire's geography in 100CE</p>	<p>Adverbs and Conjunctions Question words, conjunctions</p> <p>Translation: Extended narrative and comprehension of Latin passages, English into Latin</p> <p>Background Work on the town of Pompeii and the daily life of the Romans who lived there</p> <p>Reception Studies Project During the year, students will create group presentations on Classics in the 21st Century, investigating how the Classical World still influences media today.</p>
<p>Computer Science</p>	<p>COMPUTER SYSTEMS: What would make for the fastest computer system in the world?</p> <p>INTRO TO PROGRAMMING: Is artificial intelligence really 'artificial'?</p> <p>E-SAFETY/GRAPHIC DESIGN: Are we ever safe, does being offline make a difference?</p> <p>INTRO TO PROGRAMMING PART II: how challenges are best met with computer programs?</p>	<p>COMPUTING HARDWARE: What would make for the fastest computer system in the world?</p> <p>EFFICIENT PROGRAMMING: What do we need to know about the hardware in order to write good software?</p> <p>INTRO TO SPREADSHEETS: what models of the world can we build using computer software?</p> <p>NETWORKS: The world has run out of version 4 internet protocol addresses. How will the internet transmission speeds keep up as it grows?</p> <p>BUILDING A WEBPAGE: How can we display web pages with text, colour,</p>	<p>CYBER SECURITY: Most hackers only do it for the money? That is bad, but what is so precious and valuable about our data?</p> <p>EFFICIENT PROGRAMMING PART II: What type of programming challenges can we solve with efficient programs?</p> <p>ETHICAL, LEGAL, CULTURAL AND ENVIRONMENTAL CONCERNS: do you ever wonder if the world today would have been better without computers? In what way?</p>

		layout, images, sound and video but only using a plain text (programming language(s)) to do so?	
Design Technology	<p>Clock Designing and making project Materials with smart and new materials Design focused on Art Deco Plastics materials and processes focus CAD/CAM manufacture Development of workshop skills Development of design skills leading to individual and peer evaluation of design ideas</p> <p>Noteholder Mainly making project Metal materials focus Workshop practices including hand skills, centre lathe, drilling, joining and finishing processes Introduction to CAD/CAM manufacture and laser cutting</p> <p>Food & Nutrition Healthy eating choices, safe use of tools and equipment, basic food skills to gain confidence and pleasure in making healthy mainly savoury dishes, crumble, stir fry, tuna and broccoli bake, burgers and the Veggie Challenge. Application of design and evaluative skills to make improvements and adaptations</p>	<p>Steady Hand Game Mainly making project Technology in Society focus Electronics basics including simple circuits, electronic components and their function Opportunities for personalisation through design generation</p> <p>CAD/CAM manufacture and output using CAM cutter</p> <p>Crane Challenge Team-based challenge Problem solving skills used in response to design problem Mechanisms knowledge and understanding focus Generation of solutions through an iterative design process Prototyping and simulating</p> <p>Tablet Stand Mainly making project Timber-based material focus Mechanisms knowledge and understanding focus Development of timber-based workshop skills and processes</p>	<p>Night Light Mainly designing with making Basic electronics Application of design skills leading to personalisation of design brief CAD/CAM processes including laser cutting Development of planning and assembly skills</p> <p>Cyber pet Designing with making and programming Basic electronics manufacture leading to programming, testing and simulating Introduction to micro-control using PICAXE system Development of iterative design process skills, modelling and simulating within a micro-control environment</p> <p>Food & Nutrition Food science experiments relating to development of flavour in meat cooking. Knowledge and research around the science of eggs. Make Salads, quiche, marinades, trial and develop dishes for the canteen and Pizza. Research around Food Security and the global</p>

			issues of food science and provision or an increasing world population. Development of evaluative skills.
Drama	<p>Creating, Performing, Evaluating Units of work help pupils create drama, work on core performance skills (voice and movement) and evaluate theatre.</p> <ol style="list-style-type: none"> 1. Baseline assessment – pupils create a short drama called "The Key" 2. Silent Movies / Mime – Developing movement skills 3. Storytelling – creating plots to aid theatrical performance. 4. The New Frontier – a dramatic guided fantasy to improve imagination and increase empathy. 5. Jabberwocky – pupils learn basic physical theatre skills to enhance the performance of the famous poem 	<p>Creating, Performing, Evaluating Units of work help pupils create drama, work on core performance skills (voice and movement) and evaluate theatre. In Year 8, pupils make further progress on the core areas and are introduced to technical production. The units of work follow a basic history of Western Theatre</p> <ol style="list-style-type: none"> 1. Greek Theatre 2. Commedia Dell'arte 3. Shakespeare 4. Naturalism 5. Modernism & Post Modernism 	<p>Creating, Performing, Evaluating Units of work help pupils create drama, work on core performance skills (voice and movement) and evaluate theatre. In year 9 pupils make further progress in key areas and complete units of experiential drama where drama skills allow exploration of key social issues.</p> <ol style="list-style-type: none"> 1. The animal sanctuary – a mock public enquiry that enhances the pupils' critical thinking skills 2. Button Button – adapting a short story for theatrical performance 3. Knife Crime – using drama to explore a social issue 4. I saw it in the paper – using drama techniques to explore the social issues in the famous poem 5. Soap Opera – Differences between stage and television acting.
English	<p>Chaucer A Shakespeare play (<i>A Midsummer Night's Dream</i> and <i>Julius Caesar</i> are currently taught in Year 7, but they may vary)</p>	<p>Grammar and Poetry Shakespeare's <i>Twelfth Night</i> A novel (e.g. <i>Stone Cold</i>, <i>A Monster Calls</i>, <i>Talking in Whispers</i>) Non-fiction – travel writing and comparison</p>	<p>Gothic Literature Shakespeare's <i>Much Ado About Nothing</i> A novel with focus on context (e.g. <i>Of Mice and Men</i>, <i>To Kill a Mockingbird</i>, <i>Lord of the Flies</i>)</p>

	<p>A novel (again, it varies, but <i>Private Peaceful</i>, <i>Holes</i> and <i>Shadow of the Minotaur</i> are examples)</p> <p>Poetry</p> <p>Imaginative writing</p> <p>Transactional writing</p> <p>19th Century Fiction</p>	<p>Writing to persuade</p> <p>Writing reviews</p> <p>Short stories</p> <p>Imaginative writing – developing confidence and ambition</p>	<p>Evaluation</p> <p>Poetry comparison</p> <p>Non-fiction - 20th/21st Century</p>
French	<p>Greetings</p> <p>Talking about yourself</p> <p>Nouns, gender and adjectives</p> <p>Pronunciation and spelling</p> <p>Dates</p> <p>Family, pets, descriptions</p> <p>Jacques Prévert poem "Poème pour enfants – l'hiver"</p> <p>The verbs <i>avoir</i> and <i>être</i></p> <p>Regular – <i>er verbs</i></p> <p>Talking about where you live</p> <p>Telling the time</p> <p>Paul Eluard poem "Dans Paris"</p> <p>Bastille Day Project</p>	<p>Describing town and giving directions</p> <p>Café dialogues</p> <p>Daily routine</p> <p>Reflexive verbs</p> <p>Talking about school</p> <p>Developing opinions</p> <p>Leisure activities</p> <p>Present tense of <i>faire</i></p> <p>Future tense with <i>aller</i></p> <p>Present tense of <i>pouvoir</i></p> <p>Perfect tense of regular -er <i>avoir</i> verbs</p> <p>Jobs</p> <p>Weather</p> <p>-ir and -re verbs</p> <p>Present tense of <i>venir</i></p> <p>Paris Project</p>	<p>Perfect Tense</p> <p>Modal verbs: <i>vouloir</i>, <i>pouvoir</i>, <i>devoir</i></p> <p>Invitation dialogues</p> <p>« Le Comte de Monte Cristo » project</p> <p>Developing descriptions</p> <p>Irregular adjectives; comparative and superlative forms of adjectives</p> <p>Shopping dialogues</p> <p>Talking about food and healthy and unhealthy eating</p> <p>Food dialogues</p> <p>Food in France</p> <p>Asking questions</p> <p>Holidays</p> <p>French Resistance and D-Day Project</p>
Geography	<p>Your Place in the World</p> <p>Map Skills & Atlas Skills</p> <p>Food Miles</p> <p>The causes, consequences and solutions to Food Miles</p> <p>Coasts & Coastal Fieldwork</p> <p>The processes, features and management present at the Coast. Coasts fieldwork will be completed in May at Southend.</p> <p>India</p>	<p>China</p> <p>The environmental, economic, social and political changes occurring in China.</p> <p>Weather & Climate</p> <p>The causes and nature of British weather.</p> <p>Settlement & Olympic Fieldwork</p> <p>Processes which change our urban areas.</p> <p>Fieldwork about the impacts of the Olympics on east London.</p> <p>Impossible Places</p>	<p>Ecosystems (GCSE) & Fieldwork</p> <p>The types of ecosystems in the world. A study of the causes, consequences and solutions of deforestation in the Amazon. A fieldwork study of an Oak ecosystem as well as dormitory settlements and tourism.</p> <p>UK Landscapes</p> <p>A study of the main characteristics of the UK landscape.</p> <p>Glacial Landscapes</p>

	The environmental, economic, social and political changes occurring in India.	The study of places that seem to be 'impossible' such as Las Vegas.	The processes, features and management present in Glacial areas. Glacial fieldwork will be completed during Y10.
German	Phonics and pronunciation Introducing yourself Cardinal and ordinal numbers Talking about your school Times of the day Describing your family and friends Discussing free time activities	Describing where you live and where things are Talking about facilities in a town Learning how to order food and snacks Saying what you would like to do Describing events in the past Talking about shopping and pocket money	Talking about how you spend your time after school Discussing healthy living and lifestyles Describing clothes Explaining your daily routine Learning about exchange visits and Stuttgart
History	Medieval England. The Norman invasion & conquest of England, including the Battle of Hastings, Norman castles, the feudal system & the Domesday Book. Medieval religion, including the murder of Thomas Becket. Medieval life, including the outbreak & impact of the Black Death. The Tudor & Stuart Period. The reign of Henry VIII, including his 6 wives, the quest for a male heir and the Break with Rome. Religious change & conflict in the Tudor period, including the reign of 'Bloody Mary'. The reign of Elizabeth I, including Catholic plots & the threat of the Spanish Armada.	Expansion, Trade & Industry. The Industrial Revolution & changes in transport. The Transatlantic Slave Trade. The Impact of the British Empire. The First World War. The causes of the First World War. Trench warfare of the Western Front, including the Battle of the Somme. The impact of the war on Britain. The end of the War & the Versailles Treaty.	The Era of the Second World War. Inter-war problems such as the Versailles Treaty, League of Nations & Appeasement. The impact of the war on Britain, including the Battle of Britain & the Blitz. The global nature of the Second World War. The Holocaust.

	<p>The causes of the English Civil War, focusing on the reigns of James I & Charles I.</p> <p>The main events & outcome of the English Civil War.</p>		
Maths	<p>Negative numbers</p> <p>Calculator methods</p> <p>Fractions, decimals and percentages</p> <p>Formulae</p> <p>Factors and multiples</p> <p>Solving simple linear equations</p> <p>Ratio and proportion</p> <p>Plotting straight line graphs</p> <p>Sequences</p> <p>Properties of 2D shapes</p> <p>Area of parallelogram and trapezium</p> <p>Volume and Surface area of prisms</p> <p>Construction</p> <p>Probability – single events</p> <p>Pie charts</p> <p>Questionnaires</p>	<p>Problem solving</p> <p>Indices</p> <p>LCM and HCF</p> <p>Geometric and recursive sequences</p> <p>Equation of a straight line</p> <p>Expanding and factorising</p> <p>Solving equations with fractions</p> <p>Real life graphs</p> <p>Bearings and loci</p> <p>Informal transformations</p> <p>Area and circumference of a circle</p> <p>Angles in parallel lines</p> <p>Congruency (informal)</p> <p>Probability (two or more events)</p> <p>Stem and leaf diagrams</p> <p>Averages</p> <p>Scatter diagrams</p>	<p>Recurring decimals</p> <p>Reverse percentages</p> <p>Upper and lower bounds</p> <p>Standard form</p> <p>Compound measures</p> <p>Index laws and surds</p> <p>Simultaneous equations</p> <p>Changing the subject of a formula</p> <p>Arcs and sectors</p> <p>Similarity</p> <p>Curved graphs</p> <p>Perpendicular lines</p> <p>Congruency proofs</p> <p>Pythagoras</p> <p>GCSE Trigonometry</p> <p>GCSE Transformations</p> <p>GCSE Statistics</p> <p>GCSE Probability</p>
Music	<p>Class Singing,</p> <p>Reading music through singing</p> <p>Learning the guitar.</p> <p>Grade 1 theory. Opportunity to enter a theory exam.</p> <p>Introduction to drumming, pop-singing, creating a band, learning the guitar.</p>	<p>Composing to film using Garageband</p> <p>Grade 2 Theory of Music – Opportunity to enter the external examination (June)</p> <p>Rock/Pop conventions and arranging</p> <p>Listening skills – Classical to Modern day</p> <p>Blues/Jazz conventions and arranging</p>	<p>Set work; <u>The Marriage of Figaro</u>.</p> <p>Characters, plot, historical points etc</p> <p>Creative computer work / learning the guitar further stages.</p> <p>Set work; <u>West Side Story</u></p> <p>Characters, plot, racism, conflict escalation etc</p> <p>Set work; <u>Les Miserables</u></p> <p>Characters, historical points, plot etc.</p> <p>Creating a band / class band.</p> <p>Guitars, bass guitar, drumming. Pop-singing.</p>

Physical Education & Games	<p>PE: Basketball Gymnastics Racket Sports Health Related Fitness Swimming</p> <p>Games: Rugby Football Athletics Cricket</p>	<p>PE: Basketball Gymnastics Racket Sports Health Related Fitness Swimming</p> <p>Games: Rugby Football Athletics Cricket</p>	<p>PE: Basketball Gymnastics Racket Sports Health Related Fitness Swimming</p> <p>Games: Rugby Football Athletics Cricket</p>
Religious Studies	<p>Philosophy: Beliefs and values Ultimate Questions The Soul and being Human Ideas about God</p> <p>Religion: Authority: Proof and Truth Scripture: Hebrew and Christian Prayer Pilgrimage: Islamic, Christian, and Hindu Rites, Rituals and Symbols Introduction to Judaism, Hinduism and Sikhism</p> <p>Ethics: Animal Rights</p>	<p>Religion: Christianity Places of Worship Islam Religion and Music</p> <p>Philosophy: Arguments for the Existence of God The Problem of Evil and Suffering</p> <p>Ethics: Environmental Issues</p>	<p>Religion: Buddhism Evangelical Christianity</p> <p>Philosophy: Religion and Science Atheism and Humanism Moral Philosophy, Utilitarianism and Faith in Action</p> <p>Ethics: Religion and Politics</p>
Science	<p>Working scientifically Particles and their behaviour Forces Cells Elements, atoms and compounds Sound Structure and function of body systems Reactions Light Reproduction Acids and Alkalis Space</p>	<p>Health and lifestyle The periodic table Electricity and Magnetism Ecosystem processes Separation techniques Energy Adaptation and inheritance Metals and acids Motion and pressure The Earth</p>	<p>In Year 9, students begin the GCSE course and are taught biology, physics and chemistry as separate lessons. Details can be found in the GCSE options booklet</p>

Spanish	<p> Introductions Describing personality Brothers and sisters Birthdays Pets Hobbies Weather Sports Favourite things School Family and friends Physical descriptions Town / city Time In a café Present and future tenses </p>	<p> Holidays Technology Mobile phones Music TV Food Breakfast In a restaurant Shopping Going out Excuses Getting ready Clothes Project on Madrid Research other cities Preterite tense </p>	<p> Likes and dislikes Films Celebrities Jobs Your future plans Daily routine Healthy diet Getting fit Parts of the body Ailments Unit on 'The Golden Age' - looking at literature, poetry, artwork Project on a LA country Irregular present tense Recap of all present, past and future </p>
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