



HAYLE ACADEMY

YEAR 7, 8 AND 9 CURRICULUM



AMon	ATue	AWed	AThu	AFri	BMon	BTue	BWed	BThu	BFri
AMon:1 Music MST Mu	ATue:1 Phys Ed EPA HAL	AWed:1 Geography ACU HAL	AThu:1 Mathemaic EHO 05	AFri:1 Des Tech AFR 15	BMon:1 Music MST Mu	BTue:1 Phys Ed EPA HAL	BWed:1 Geography ACU HAL	BThu:1 Mathemaic EHO 05	BFri:1 Des Tech AFR 15
AMon:2 History ECR 01	ATue:2 Phys Ed EPA HAL	AWed:2 History ECR HAL	AThu:2 English La Swi 01	AFri:2 Des Tech AFR 15	BMon:2 History ECR 18	BTue:2 Phys Ed EPA 01	BWed:2 History ECR HAL	BThu:2 English La Swi 01	BFri:2 Des Tech AFR 15
AMon:3 Mathemaic BMU 43	ATue:3 Computer Sc Rwi IT1	AWed:3 Mathemaic EHO IT1	AThu:3 English La Swi 15	AFri:3 Mathemaic EHO 15	BMon:3 Mathemaic BMU 15	BTue:3 Computer Sc Rwi 43	BWed:3 Mathemaic EHO IT1	BThu:3 English La Swi 42	BFri:3 Mathemaic EHO 15
AMon:4 Science DFI 27	ATue:4 French KCU 08	AWed:4 French KCU 08	AThu:4 Mathemaic BMU 08	AFri:4 Science DFI 43	BMon:4 Science DFI 27	BTue:4 French KCU 27	BWed:4 French KCU 08	BThu:4 Mathemaic BMU 08	BFri:4 Science DFI 43
AMon:For Tutor Period VNA IT2	ATue:For Tutor Period VNA IT2	AWed:For Tutor Period VNA IT2	AThu:For Tutor Period VNA IT2	AFri:For Tutor Period VNA IT2	BMon:For Tutor Period VNA IT2	BTue:For Tutor Period VNA IT2	BWed:For Tutor Period VNA IT2	BThu:For Tutor Period VNA IT2	BFri:For Tutor Period VNA IT2
AMon:5 English La LLA 11	ATue:5 English La LLA 11	AWed:5 Computer Sc Rwi 11	AThu:5 Science TWA IT1	AFri:5 English La LLA 27	BMon:5 English La LLA 11	BTue:5 English La LLA 11	BWed:5 Art & Des ACR 11	BThu:5 Science TWA 46	BFri:5 English La LLA 27
AMon:6 French KCU 08	ATue:6 Science DFI 08	AWed:6 Drama HBL 27	AThu:6 Science TWA HAL	AFri:6 Geography ACU 27	BMon:6 French KCU 05	BTue:6 Ethics Rwi 08	BWed:6 Art & Des ACR 14	BThu:6 Science TWA 46	BFri:6 Geography ACU 05



SUBJECT	COURSE DETAILS
<p>English</p>	<p>In Year 7 students will develop an appreciation and love of reading through guided choices of material which will include at least one Shakespeare play, one novel, poetry and non-fiction texts. They will be encouraged to write for a wide range of purposes and audiences, including notes, stories, scripts and poetry.</p> <p>Students will build on their knowledge of grammar and word choice through learning the conventions of grammatical features and using Standard English in their own writing and speech.</p> <p>Students will also learn to speak confidently and effectively, adapting Standard English to suit both context and audience.</p>
<p>Mathematics</p>	<p>Following on from the foundations made at primary school, in Year 7 students will start on our 5 year progression structure to ensure they are confident and numerate students ready to take maths further. Following the new National Curriculum, our studies have a strong focus on fluency, problem solving and progression. Students will gain skills and knowledge in the 5 key areas of:</p> <ul style="list-style-type: none"> • Geometry and Measures • Statistics and probability • Number • Ratio, Proportion and Rates of Change • Algebra <p>Our aim is to maximise each student's abilities in terms of</p> <ul style="list-style-type: none"> • Mastering the fundamentals of mathematics • Developing mathematical reasoning and communication • Engaging with strategies for mathematical enquiry • Using mathematics to solve problems in a variety of context. • Students will be split into levels, following the Curriculum pathways suitable for their level. Students will take part in the UK Maths Challenge as well as other exciting opportunities that are offered to them.
<p>Science</p>	<p>In Year 7 students will be studying modules that cover key topics in science. In Biology they will cover: cells, tissues and organs; diet and digestion; the lungs and breathing; reproduction. In Chemistry they will cover: elements and the periodic table; chemical reactions; compounds and mixtures. In Physics they will cover: forces and their effects; energy as well as sound and hearing.</p> <p>As well as the key scientific topics, students will develop key skills in working scientifically; these include designing experiments, analysing results and evaluating their work. Lessons will be engaging and challenging, constantly enhancing students' knowledge and developing an enthusiasm for science.</p>
<p>Languages</p>	<p>Many of our students have had previous linguistic experience in KS2 and in Year 7 we aim to build on this that linguistic development with French. We follow the studio course which leads ultimately to GCSE.</p> <p>Units are exciting, engaging and appropriate to all abilities and interests. In year 7 we focus on seeming basic grammar structures and vocabulary. Topics include fruits, school, hobbies and home town.</p> <p>We strive to immerse the student in the language and culture of French speaking countries which include Language Learning Skills, Myself and Monsters, Art and National Stereotypes.</p>
<p>SMSC</p>	<p>SMSC stands for spiritual, moral, social and cultural development. Through a thoughtful and wide-ranging programme of timetabled Ethics lessons, assemblies, themes of the week, special event days and guest speakers, Hayle Academy will actively promote students' spiritual, moral, social and cultural development.</p>



SUBJECT	COURSE DETAILS
Technology	<p>Throughout the year students will work with resistant materials, food and textiles. In Resistant Materials they will design and make: wooden salt and pepper pots and a metal mega bug.</p> <p>In Textiles they will design and make: a fabric hat and pencil case. In Food they will learn about nutrition and develop cooking skills through making fruit salad, leek and potato soup, scones, pasta sauce, fruit crumble and kebabs.</p>
History	<p>At the start of Year 7 students will identify and practise some of the key skills needed to study history such as source analysis and historical concepts such as continuity and change and cause and consequence. Students will then engage in gaining knowledge and understanding of Medieval Britain.</p> <p>The main focus of their programme of study is the development of church, state and society and will include units on the Norman Conquest, Medieval Realms, Explorers and Native Americans, followed by the Slave Trade.</p> <p>These topics provide plenty of opportunities for students to engage in historical enquiries and understand why contrasting arguments and interpretations of the past have been constructed. The year ends with a trip to a local site of historical importance.</p>
Geography	<p>Students in Year 7 will begin by learning about what geography is all about, as well as the skills needed to study the subject. They will then look at changes to the UK's economy and settlements and the impact that has on life in the UK.</p> <p>Next is a unit on coasts, where students learn about the natural processes on coastlines and how humans are aiming to manage the problem of erosion. Students then study "The Development Gap", looking at how development is measured and how it varies across the Earth. This is a very up-to-date topic and takes all recent economic growth into account. Finally, ecosystems is studied, before practicing a decision making exercise (called an "Issue Evaluation") and a field trip is attended to a local area and written up back in class.</p>
Computer Studies	<p>In year 7 students will continue to build and develop their programming skills taught in primary school. Our units consist of:</p> <p>Scratch: This first unit of work teaches an introduction to programming using the Scratch programming language. Students will be introduced to programming inputs, variable storage, outputs, sequencing and selection. A further unit sees students learn how to create some simple gaming scripts including key controlled movement, gravity, object collisions and scoring systems in order to make their very own platform games.</p> <p>Our final Scratch unit is the 'Advanced Scratch' unit which introduces students to event driven programming. Students will recap basic programming constructs including selection and iterations to produce a 'Magic 8 Ball' program.</p> <p>Computer Hardware: The computer hardware unit is designed to teach students what a computer system is, the various components of a computer system and their purpose. Students will also learn about the purpose of the CPU, RAM, Hard Drive and I/O devices and how they all function together and the function of the CPU, including the fetch, decode, execute cycle.</p> <p>Micro:Bit: This unit introduces students to the Micro: Bit device and teaches them how to program a variety of applications including a digital dice, digital compass and games console (pong). The unit uses both the 'Blocks' and 'Python' programming language.</p>



SUBJECT	COURSE DETAILS
Creative and Performing Arts	<p>All students in Year 7 will study Art, Music, Drama and PE.</p> <p>In Art students will learn about the expressive qualities of line and pattern. They will explore how we can use form and space to create impact and mood. Students will look at artworks from a variety of periods, and analyse and evaluate the works of different abstract and expressionist artists in order to inform and develop their own abstract art work.</p> <p>In Music students will sing in class and at the annual carol concert. They will learn how to play a variety of instruments and perform music in a range of styles. It is a good time to start learning a musical instrument, or continue learning from primary school. Lessons in Drama will develop students' self- confidence, their skills in performance through facial expression and posture and their understanding of the principles of stagecraft.</p> <p>In PE, students will develop their understanding of physical health, their knowledge and skills in various team games and improving performance. After-school clubs and team activities will provide all students with opportunities to excel in any CAPA activity.</p>



YEAR 8 CURRICULUM 2018

SUBJECT	COURSE DETAILS
English	<p>In Year 8 students will develop independent reading skills through a wide range of material which will include at least one Shakespeare play, one novel, poetry and non-fiction texts.</p> <p>They will be encouraged to write for a wide range of genres and audiences, including notes, stories, scripts and poetry.</p> <p>Students will build on their knowledge of grammar and vocabulary through studying the effectiveness of the grammatical features of texts and using Standard English in their own writing and speech.</p> <p>Students will speak with increasing confidence and effectiveness, adapting Standard English to suit both context and audience.</p>
Mathematics	<p>In year 8 students will continue with our 5 year progression structure, to developing on their confidence and numeration. Following the new National Curriculum, our studies have a strong focus on fluency, problem solving and progression. Students will gain skills and knowledge in the 5 key areas of:</p> <ul style="list-style-type: none">• Geometry and Measures• Statistics and probability• Number• Ratio, Proportion and Rates of Change• Algebra <p>Our aim is to maximise each student's abilities in terms of</p> <ul style="list-style-type: none">• Mastering the fundamentals of mathematics• Developing mathematical reasoning and communication• Engaging with strategies for mathematical enquiry• Using mathematics to solve problems in a variety of context. <p>Students will be split into levels, following the Curriculum pathways suitable for their level. Students will take part in the UK Maths Challenge as well as other exciting opportunities that are offered to them</p>
Science	<p>Year 8 will build on the exciting work students have done in Year 7. Students will be studying a range of modules that cover key topics in science. In Biology they will study: the skeleton and muscles; respiration and the body's energy; the environment; plants and photosynthesis and the interdependence of species.</p> <p>In Chemistry they will cover: the particle model and physical changes of matter; combustion and chemical reactions; acids, alkalis and salts. In Physics they will study: magnets and electromagnets; electrical circuits; pressure. As well as the key scientific topics, students will develop key skills in working scientifically; these include designing experiments, analysing results and evaluating their work. Lessons will be engaging and challenging, constantly enhancing students' knowledge and developing an enthusiasm for science.</p>
Languages	<p>In Year 8 students continue to develop and to improve their language skills. In its second year the 'French studio scheme of work strives to build students' confidence to work independently and with more demanding material.</p> <p>Topics are chosen to develop understanding of cross –curricular themes such as worldwide travel, Olympic games and the environment. By the end of Year 8 students should be able to use three tenses with confidence and understand complex texts. In year 8 students will be introduced to Spanish and cover the basic grammar and vocabulary within the topics of self and family, school, and home.</p>



SUBJECT	COURSE DETAILS
SMSC	<p>SMSC stands for spiritual, moral, social and cultural development.</p> <p>Through a thoughtful and wide-ranging programme of timetabled Ethics lessons, assemblies, themes of the week and guest speakers, Hayle Academy will actively promote students' spiritual, moral, social and cultural development.</p>
Technology	<p>Throughout the year students will work with resistant materials, food and graphics. In Resistant Materials they will design and make: a wooden automata In graphics they develop a variety of drawing techniques which include single point perspective and orthographic drawing.</p> <p>In Food they will develop knowledge of nutrition and cooking skills through making Dutch apple cake, pastry products, stir fry, carbonara, pizza, and muffins.</p>
History	<p>Students will begin by studying Tudor England, continuing with a focus on Elizabethan England. They will continue to advance their understanding of how our state has developed through learning about the English Civil War and Restoration.</p> <p>The Industrial Revolution is the final topic to be studied, with emphasis</p>
Geography	<p>Students in Year 8 will begin their geography course studying "extreme living". We learn about how extreme environments on earth can be and how life has adapted to live there. They will then study "wild weather" by learning about climatic processes and big climatic hazards such as hurricanes.</p> <p>This leads into a physical unit of river landforms and processes, followed by resources, climate change and a decision making exercise (called an issue evaluation).</p> <p>The topics studied during year 8 are designed to equip students with the skills required at GCSE level and are very much interlinked with a common theme of climate change. Finally, a field trip to a local site is attended and written up back in the classroom.</p>
Computer Studies	<p>In Year 8 Students follow the below structure:</p> <p>My digital world: In this unit of work, students will learn how to use the internet safely and effectively. They will learn about copyright law, search engines (including the use of Boolean logic for effective searching) and they will also learn about the dangers of the internet and ways to combat these dangers.</p> <p>Binary Bits and Bobs : Binary Bits and Bobs introduces students to the binary number system, converting between binary and denary and simple binary addition. Students will also be taught how (and why) characters, images and sound are represented by the binary system.</p> <p>Python: In this unit, students will be introduced to programming in the Python programming language. They will learn how to print messages to the screen, ask the user to input data and stores this data in variables. They will also understand how computers make decisions and consequently learn how to program IF statements.</p> <p>HTML and CSS: Students will be reminded of some basic HTML syntax (as covered in the year 7 unit) and will be introduced to CSS so that they can understand how to better present their webpages. They will learn how to add gradient backgrounds, add page borders, curve images and reorganise content on the page with the help of DIV tags.</p> <p>Scratch Shooter Game: In this unit, students will create a platform shooter game. They will learn how to implement gravity in their games as well as code a simple shooter (along with levels and other gaming features).</p>



SUBJECT	COURSE DETAILS
Creative and Performing Arts	<p>In Year 8 Art students will learn about Pop Art ideas and ideology and reflect upon the origins and ongoing impact of this movement. Students will explore the formal elements of art through practical investigations, exploring and recording their ideas with a wide variety of media including observational drawing, painting, ICT and sculpture.</p> <p>Students will generate their own 3D Pop Art cans following on from the Pop Art tradition and contribute to a collaborative artwork.</p> <p>In Music students will study Jazz/Blues and the improvisation which goes with these international styles. We will also explore composition through chord sequences and melody. Students will spend more time working within small ensembles.</p> <p>Lessons in Drama will develop students' confidence in performance, their skills in interpretation by body language and movement and their understanding of interrogative drama techniques. In PE, students will deepen their understanding of physical health, their knowledge and skills in various team games and improving performance. After-school clubs and team activities continue to provide all students with opportunities to excel in any CAPA activity.</p>



YEAR 9 CURRICULUM 2018

SUBJECT	COURSE DETAILS
English	<p>In Year 9 students will prepare for their English Language and Literature GCSEs. Both of these qualifications are tested by terminal examinations at the end of year 11. During the three years students will develop their skills and learn how to approach the examination questions.</p> <p>For both the Language and the Literature examinations students will refine their analytical skills, learning to consider what happens in the texts, how it is conveyed and to what degree it is successful. They will learn to give their opinions supported by textual evidence. Students will study a variety of texts, including novels, plays and poetry. They will also learn how to respond to questions on previously unseen texts.</p> <p>For the Language examination they must demonstrate writing which is accurate and fluent and utilises a wide range of sophisticated vocabulary and grammar. Students will be encouraged to develop independence in the recording of information and in their preparation for the examinations.</p> <p>Students will also complete a variety of speaking and listening tasks which will require them to speak independently and within groups. Sometimes, these will be in formal recorded situations. This will gain them a stand-alone grade attached to the Language qualification.</p>
Mathematics	<p>In Year 9 students will embark on their GCSE course. They will continue to be grouped in ability, where transfer between groups is always possible. Students will study at either a Higher or Foundation level and some students will have the opportunity to study towards the Entry level in Mathematics.</p> <p>The aims and objectives of the Edexcel GCSE course in Mathematics is to enable students to:</p> <ul style="list-style-type: none">• Develop fluent knowledge, skills and understanding of mathematical methods and concepts• Acquire, select and apply mathematical techniques to solve problems• Reason mathematically, make deductions and inferences, and draw conclusions• Comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context. <p>Students will also develop and embed their skills from Year 8, including developing their understanding of number and algebra, geometry and measures and statistics and probability.</p> <p>Our aim is to provide for our students a strong foundation for further academic and vocational study and for employment, to give our students the appropriate mathematical skills, knowledge and understanding to help them progress to a full range of courses in further and higher education.</p>
Science	<p>At the beginning of year 9, all students start to follow the AQA science courses.</p> <p>They will study a number of modules from biology, chemistry and physics, whilst completing a number of required practical investigations that will be examined at the end of year 11. Practical's, are not only one of the most engaging parts of science education but are also essential for students understanding of scientific theory. Lessons will be engaging and challenging, constantly enhancing students' knowledge and developing an enthusiasm for science.</p> <p>These modules will reinforce key concepts in each of the science disciplines to help to prepare students for their science GCSE.</p>



SUBJECT	COURSE DETAILS
Languages	<p>In Year 9 students continue to study French and Spanish. The 'iLanguages' French course allows for a choice of modules in the final year of KS3 study. The teacher will select the most appropriate topics for an individual class.</p> <p>These modules are designed to build towards GCSE and include: Halloween Happenings, Funky Fashion, Space and Secret Agents. In Spanish students build on their Year 8 introduction and will be able to use 3 tenses by the end of KS3.</p> <p>Grammar structures and vocabulary will be taught through the topics of free-time, home town and holidays. Following option choices student will begin their GCSE course.</p>
SMSC	<p>SMSC stands for spiritual, moral, social and cultural development.</p> <p>Through a thoughtful and wide-ranging programme of timetabled Ethic lessons, assemblies, themes of the week, Hayle Academy will actively promote students' spiritual, moral, social and cultural development.</p>
Technology	<p>Throughout the year students will continue to work with resistant materials, food and textiles. In Resistant Materials they will design and make: a wooden trinket box and a laser cut gadget stand.</p> <p>In Textiles they will design and make: a decorative cushion and laser cut phone sock. In Food they will further develop knowledge of nutrition and develop cooking skills through making chilli con carne, curry, burgers, a couscous salad, a sponge cake adaption, a cottage pie and have a cookie challenge.</p>
History	<p>This year a study of the causes of WWI, conditions in the trenches and the Peace Settlement. This will lead into the study of the inter-war years focusing on the rise of Hitler. Studies on WWII will include a section on the events of the Holocaust and the importance of understanding and remembrance.</p> <p>From February half term onwards, students begin following the AQA GCSE 9-1 specification, beginning with "Medicine Through Time", looking at the chronology of events over a long time period.</p>
Geography	<p>Students begin by comparing the newly emerging economies of Nigeria and Brazil, emphasising the differences in their trade, cultures and physical geography. They will then study resource management, concentrating on water as a resource.</p> <p>From February half term onwards, students begin following the AQA GCSE 9-1 specification, beginning with a topic entitled; "The challenges of natural hazards".</p>



SUBJECT	COURSE DETAILS
Computer Studies	<p>In Year 9 students continue with more Python Programming. Which continues on from the year 8 unit of work which introduced the Python programming language, students will reinforce their understanding of inputs, outputs, variables and selection through the means of a variety of programming challenges. Students will also be taught the programming structure of iteration. They will learn how FOR and WHILE loops work and will code these structures in a range of programs.</p> <p>They will also complete the Back to the Future unit. This unit takes a look back in time at the history of computers focusing on some key computer scientists including George Boole, Sir Tim Berners-Lee, Charles Babbage and Alan Turing. In each lesson, students will not only learn what this great scientist achieved, they will also 'practice' their science / innovations through a range of class activities.</p> <p>Following on from this it Computer Networks which a short unit of work where students will be introduced to Local Area Networks (LANs), the hardware of a local network, the workings of the Internet, how the WWW and Internet differ and how data travels around a network (e.g. Data Packets). Finally our Scrolling Game Maker unit, students will continue to develop their skills in programming a computer game in Scratch and in particular, they will be introduced to programming a 'scrolling background'.</p>
Creative and Performing Arts	<p>In Art students will explore a Myths and Legends theme which will involve inventing or exploring an existing or fictional Myth. They will record their ideas visually on a creative map applying their understanding of the formal elements and experimenting with etchings, textures and layers.</p> <p>The students will create a mask based upon a character from their Myth map using a range of 3D techniques. They will investigate and analyse masks from different cultures and use their research to strengthen and extenuate the characters features and to help create impact. ICT will be used to enhance and develop ideas.</p> <p>In Music students are encouraged to personalise their studies, performing and composing in their own style, in order to facilitate a smooth transition to GCSE music. Use is made of technology, whether it is backing tracks for accompaniment, or iMac computers to sequence ideas for their own pieces of music.</p> <p>Lessons in Drama will develop students' confidence in performing to a range of different audiences, their skills in interpretation through improvisation and their understanding of creative drama techniques. In PE, students will deepen their understanding of physical health, their knowledge and skills in various team games and improving performance.</p> <p>After school clubs and team activities continue to provide all students with opportunities to excel in any CAPA activity.</p>



HAYLE ACADEMY

YEAR 10 and 11 CURRICULUM 2018



AMon	ATue	AWed	AThu	AFri	BMon	BTue	BWed	BThu	BFri
AMon:1 Science SSM 31	ATue:1 Mathematic BMU 43	AWed:1 English La EHO 15	AThu:1 Science SBA 15	AFri:1 English La EHO 26	BMon:1 Science SSM 15	BTue:1 Mathematic BMU 31	BWed:1 Mathematic BMU 43	BThu:1 Science SBA 43	BFri:1 English La EHO 15
AMon:2 Science SSM 31	ATue:2 English La EHO 15	AWed:2 Art & Des ACR 15	AThu:2 Science SBA 46	AFri:2 Info Tech RWI 26	BMon:2 Science SSM IT1	BTue:2 English La EHO 31	BWed:2 Art & Des ACR 15	BThu:2 Science SBA 46	BFri:2 Info Tech RWI IT1
AMon:3 English La EHO 15	ATue:3 Photography MJA IT2	AWed:3 Art & Des ACR IT2	AThu:3 Mathematic BMU 46	AFri:3 Science SBA 43	BMon:3 English La EHO 26	BTue:3 Photography MJA 15	BWed:3 Art & Des ACR IT2	BThu:3 Mathematic BMU 46	BFri:3 Science SBA 43
AMon:4 Mathematic BMU 43	ATue:4 Geography RLE 03	AWed:4 Art & Des ACR 03	AThu:4 English La EHO 46	AFri:4 Science MCH 15	BMon:4 Mathematic BMU 28	BTue:4 Geography RLE 43	BWed:4 Art & Des ACR 03	BThu:4 English La EHO 46	BFri:4 Science MCH 15
AMon:For Tutor Period BMU 43	ATue:For Tutor Period BMU 43	AWed:For Tutor Period BMU 43	AThu:For Tutor Period BMU 43	AFri:For Tutor Period BMU 43	BMon:For Tutor Period BMU 43	BTue:For Tutor Period BMU 43	BWed:For Tutor Period BMU 43	BThu:For Tutor Period BMU 43	BFri:For Tutor Period BMU 43
AMon:5 Photography MJA IT2	ATue:5 Geography RLE 03	AWed:5 Science MCH 03	AThu:5 Phys Ed EPA 28	AFri:5 Science SSM HAL	BMon:5 Photography MJA 31	BTue:5 Geography RLE IT2	BWed:5 Science MCH 03	BThu:5 Phys Ed EPA 28	BFri:5 Science SSM HAL
AMon:6 Photography MJA IT2	ATue:6 Geography RLE 03	AWed:6 Science MCH 03	AThu:6 Phys Ed EPA 28	AFri:6 Mathematic BMU HAL	BMon:6 Photography MJA 43	BTue:6 Geography RLE IT2	BWed:6 Science MCH 03	BThu:6 Ethics NIR 28	BFri:6 Mathematic BMU 12



SUBJECT	COURSE DETAILS
English	<p>In Years 10 and 11 students will continue to prepare for their English Language and Literature GCSEs. Both of these qualifications are tested by terminal examinations at the end of year 11. During the two years students will develop their skills and learn how to approach the examination questions.</p> <p>For both the Language and the Literature examinations students will refine their analytical skills, learning to consider what happens in the texts, how it is conveyed and to what degree it is successful. They will learn to give their opinions supported by textual evidence. Students will study a variety of texts, including novels, plays and poetry. They will also learn how to respond to questions on previously unseen texts.</p> <p>For the Language examination they must demonstrate writing which is accurate and fluent and utilises a wide range of sophisticated vocabulary and grammar. Students will be encouraged to develop independence in the recording of information and in their preparation for the examinations.</p> <p>Students will also complete a variety of speaking and listening tasks which will require them to speak independently and within groups. Sometimes, these will be in formal recorded situations. This will gain them a stand-alone grade attached to the Language qualification.</p>
Mathematics	<p>In Year 10 and Year 11 students will continue with their GCSE course. They will continue to be grouped in ability, where transfer between groups is always possible. Students will study at either a Higher or Foundation level and some students will have the opportunity to study towards the Entry level in Mathematics.</p> <p>To improve our student's confidence with exam technique we conduct a series of walk through mocks to ensure reassurance and familiarity of GCSE questions and techniques. We will continue to offer exciting opportunities to our Year 10 students, including the UK Maths Challenge and Team events. In year 10 students will have the opportunity to develop their understanding further and take the Further Maths GCSE.</p> <p>The aims and objectives of the Edexcel GCSE course in Mathematics is to enable students to:</p> <ul style="list-style-type: none">• Develop fluent knowledge, skills and understanding of mathematical methods and concepts• Acquire, select and apply mathematical techniques to solve problems• Reason mathematically, make deductions and inferences, and draw conclusions• Comprehend, interpret and communicate mathematical information in a variety of forms appropriate to the information and context. <p>Students will also develop and embed their skills from Year 9, including developing their understanding of number and algebra, geometry and measures and statistics and probability.</p> <p>Our aim is to provide for our students a strong foundation for further academic and vocational study and for employment, to give our students the appropriate mathematical skills, knowledge and understanding to help them progress to a full range of courses in further and higher education.</p>
Combined Science: Trilogy	<p>All students will follow the AQA science course. Students will study combined science trilogy. This double award is equivalent to three GCSE's and covers a series of modules from Biology, Chemistry and Physics. The work will build on that already started in year 9. There is no coursework with this course but students will be examined on over twenty required practicals.</p> <p>Students may also opt to take separate sciences where they will study Biology Chemistry and Physics separately to gain three GCSEs. Again there is no longer coursework but there are at least eight required practical's, for each science discipline that will be examined. All exams for the courses are set at the end of year 11.</p> <p>Students will be taught the science content in an engaging and challenging way, whilst skills will be developed and exam technique will be practised.</p>



SUBJECT	COURSE DETAILS
SMSC	<p>SMSC stands for spiritual, moral, social and cultural development.</p> <p>Through a thoughtful and wide-ranging programme of timetabled Ethics lessons, assemblies, themes of the week, special event days and guest speakers, Hayle Academy will actively promote students' spiritual, moral, social and cultural development.</p>
Triple Science	<p>Triple Science students will follow the OCR Biology, Chemistry and Physics syllabuses. In the Biology portion they will study: B1 You and Your Genes, B2 Keeping Healthy, B3 Life on Earth, B4 Life Processes, B5 Growth and Development and B6 Brain and Mind.</p> <p>In Chemistry they will study: C1 Air Quality, C2 Material Choices, C3 Chemicals in Our Lives, C4 Chemical Patterns, C5 Chemicals of the Natural Environment and C6 Chemical Synthesis. In Physics students will study: P1 The Earth in the Universe, P2 Radiation and Life, P3 Sustainable Energy, P4 Explaining Motion, P5 Electric Circuits and P6 Radioactive Materials. In</p> <p>Year 11 students on this course will also study Further Biology, Chemistry and Physics. In addition to these modules, students will carry out their controlled assessments which will be a practical investigation and full write up.</p>
Food & Nutrition (Yr11) – GCSE	<p>Students will develop their knowledge and understanding of foods, nutrition and the catering industry. They will develop knowledge and skills using practical techniques through preparation and cooking of ingredients to create a wide variety of products.</p> <p>There are 2 controlled assessment exam board set tasks to be completed: during year 11 The GCSE is assessed as 50% controlled assessment work (2 set tasks) and 50% written examination</p>
Art – GCSE	<p>During Year 10 students will complete 2/3 course work projects (portfolio, 60%) which will provide them with a wide range of creative and stimulating opportunities. Students will produce practical and critical/contextual work in two or more areas using a variety of processes including drawing and painting, mixed-media, sculpture, land art, installation, photography, printmaking, lens-based and/or light-based. Students will begin their portfolios through guided projects and progress towards working more independently later in the year.</p> <p>In Year 11 students will focus on a mock exam project and then their exam project (40%). Students are required to generate a personal response from one starting point within the exam paper. They then work on developing this exam project over a few weeks in lessons and at home, resulting in a ten-hour practical exam. Students are required to write about and annotate their ideas in sketchbooks throughout the course. There are also opportunities to develop and refine coursework created in Year 10.</p>
Geography - AQA	<p>GCSE geography students follow the AQA 9-1 course. This is a 100% examination course and includes three exams. In year 10, students continue to prepare for paper 1 and pick up where they left off in year 9. They study ecosystems, hot desert environments and tropical rainforests. Students then focus on British geography, learning about rivers and coastal landscapes in quite some detail.</p> <p>They then move onto learning about urban issues, including the growth of squatter settlements and managing urban sprawl in Britain. In year 11, student complete topics on a changing economic world and resource management, including how humans are coping with water scarcity. They then finish by completing fieldwork and preparing for an issue evaluation – a decision making part of paper 3. Throughout all of GCSE geography there is an emphasis on skills, including map work, mathematics, problem solving and analysing data.</p> <p>Geography students follow the Edexcel B course, which covers a wide range of geographical themes. Dynamic Planet is studied in Year 10, which is a unit covering topics such as volcanoes, earthquakes, climate change and oceans. In Year 11, students study People and the Planet, including population, development and globalisation. There are 12 topics overall, as well as a piece of fieldwork worth 25% of the final grade, where students go on a fieldtrip to collect data and write a report about the findings in school. Due to the wide variety of the course content, lessons are taught in a range of styles, including problem solving, investigations and using GIS.</p>



SUBJECT	COURSE DETAILS
Child Development – GCSE/Cambridge National	<p>Students will develop their knowledge and understanding of child development from preconception up to the age of 5. They will learn about child care, family planning, safety, and illnesses alongside the intellectual, physical, emotional and social development of the child.</p> <p>The GCSE is assessed as 60% controlled assessment work (40 % Child Study, 20% Research Task) and 40% written examination. Cambridge National – 50% written examination and 50% 2 centre assessed tasks.</p>
Graphic Products (Yr11) - GCSE	<p>Students will develop their knowledge and understanding of the variety of graphics products used for marketing and merchandise, with a focus on using paper and card as a material. Practical techniques will be taught with a focus on developing designing through hand drawing and Computer Aided Design.</p> <p>They will produce their own design solutions to teacher and exam board set tasks. The GCSE is assessed as 60% controlled assessment work and 40% written examination.</p>
Music – GCSE	<p>GCSE Music helps students to develop subject knowledge, understanding and skills, through listening to a variety of music, playing music and creating their own music.</p> <p>The specification places a strong weighting on practical aspects of music (70 %), with choices catering for a wide range of interests and abilities. This four-unit GCSE assesses students' skills in listening and appraising, composing and performing music.</p>
History - GCSE	<p>GCSE history provides students with a range of key skills that will be useful for any career path that they take. It encourages the use of evidence to produce coherent and convincing arguments. Students will use a range of evidence to support their arguments in effective ways.</p> <p>The course covers 4 main topics from a wide range of British and International history. The specification is designed to enable students to study different aspects of the past, so they can engage with key issues such as conflict, understand what drives change and how the past influences the present. The course builds on the skills and topics at Key Stage 3 and equips students with essential skills which prepare them for further study.</p> <p>The 4 topics are taken over two 1hr 45m exams. The topics covered are: America, 1890-1895: Expansion and consolidation; Conflict and tension: The inter-war years, 1918-1939; Britain; Health and the people: c1000 to the present day; Elizabethan England, c1568-1603.</p>
Resistant Materials (Y11) – GCSE	<p>Students will develop their knowledge and understanding of woods, metals and plastics and the practical techniques and equipment used to shape and join them. They will produce their own design solutions to teacher and exam board set tasks. The GCSE is assessed as 60% controlled assessment work and 40% written examination.</p>
Drama - GCSE	<p>Drama encourages students to work imaginatively and creatively in collaborative contexts, generating, developing and communicating ideas. They will consider and explore the impact of social, historical and cultural influences on drama texts and activities whilst reflecting on and evaluating their own work and the work of others.</p> <p>They will develop and demonstrate competence in a range of practical, creative and performance skills. The course is assessed as 40% practical and 60% written (exam and controlled assessments).</p> <p>Students will watch a live performance and provide a written response to the performers/directors intentions and use of theatrical conventions.</p>
Languages – French and/or Spanish – GCSE	<p>Students will follow the OCR GCSE course for both French and Spanish. Assessment is all final examination with equal weighting between all four skills – R, L, W, S. Linguistic structure is taught through nine modules over five terms. Students may choose a topic of personal interest on which to present for the final oral exam. The GCSE now demands good grammatical knowledge and a wide vocabulary. Students will be expected to devote a lot of time to personal learning and practice.</p>



SUBJECT	COURSE DETAILS
Textiles (Yr11) – GCSE	<p>Students will develop their knowledge and understanding of textiles materials and the practical techniques and equipment used to decorate, shape and join them. They will produce their own design solutions to teacher and exam board set tasks. The GCSE is assessed as 60% controlled assessment work and 40% written examination.</p>
Photography – GCSE	<p>During this two year course students will produce two portfolios of coursework (60%). The first module Man v Nature explores the relationship between humans and the natural world.</p> <p>The practical and experimental "ways of seeing" module teaches the learners to understand how the camera "sees" the world in a very different way from how we do. The "identity" module delves deeper into the themes of representation to explore and reveal who we are and how images shape our sense of self. The exam (40%) is a personal project based response to one of the examiner set topics.</p>
Computer Studies – GCSE	<p>Our GCSE in Computer Science is engaging and practical, encouraging creativity and problem solving. It encourages students to develop their understanding and application of the core concepts in computer science. Students also analyse problems in computational terms and devise creative solutions by designing, writing, testing and evaluating programs. The course consists of 3 components:</p> <p>Component 01: Computer systems Introduces students to the central processing unit (CPU), computer memory and storage, wired and wireless networks, network topologies, system security and system software. It also looks at ethical, legal, cultural and environmental concerns associated with computer science.</p> <p>Component 02: Computational thinking, algorithms and programming</p> <p>Students apply knowledge and understanding gained in component 01. They develop skills and understanding in computational thinking: algorithms, programming techniques, producing robust programs, computational logic, translators and data representation. The skills and knowledge developed within this component will support the learner when completing the Programming Project.</p> <p>Programming Project</p> <p>Students use OCR Programming Project tasks to develop their practical ability in the skills developed in components 01 and 02. They will have the opportunity to define success criteria from a given problem, and then create suitable algorithms to achieve the success criteria. Students then code their solutions in a suitable programming language, and check its functionality using a suitable and documented test plan. Finally they will evaluate the success of their solution and reflect on potential developments for the future.</p> <p>Students should be offered 20 hours timetabled time to complete their Programming Project. The Programming Project does not count towards a candidate's final grade, but is a requirement of the course.</p>
Engineering – BTEC	<p>Students studying this course do so at Cornwall College. The qualification can be obtained by completing 3 units: The engineered world (Online Exam 25%) 1. Investigating an engineered product and 2. Machining techniques.</p> <p>There will be opportunities to work on a range of motor vehicles, heavy vehicles and workshop equipment.</p>
Design Technology (Year 10) GCSE – Timber	<p>Students will develop their knowledge and understanding in core design technology and which includes the material areas of metals, plastics, paper, board and textiles. This will be examined in a written paper at the end of year 11 (50%).</p> <p>In this course, students will complete and assessed practical design and make task in year 11 (50%).</p>



SUBJECT	COURSE DETAILS
Media Studies – GCSE	<p>During their studies, students will develop investigative, critical thinking and decision-making skills through consideration of issues that are important, real and relevant to learners and to the world in which they live.</p> <p>They will develop their appreciation and critical understanding of the media and its role in their daily lives whilst developing their practical and creative skills. Students will understand how to use media concepts and ideas to analyse media productions in their various contexts. The GCSE is assessed as 30% practical and 70% exam.</p>
Business and Communication Systems – GCSE	<p>Business Studies BTEC Year 10 and ongoing</p> <p>This qualification provides a practical and relevant introduction to the business world. It encourages students to explore the range of business types and understand the factors that influence success through analysing business models.</p> <p>The two core units are ‘Finance for Business’ covering profit and loss, financial planning and cash flow forecasting and ‘Enterprise in the Business World’ covering business models and key trends.</p> <p>Of the 4 units studied, one is externally assessed by an online exam. The other 3 units are all coursework based. Exam</p>
Food & Cookery (Yr10) – NCFE	<p>The course is based on 4 units 25% each/ unit 3 – external exam. Students will develop knowledge and understanding of nutrition, food preparation skills, food safety and an insight into the industry.</p>
BTEC First in Sport (Level 2)	<p>The Edexcel BTEC Level 1/Level 2 First Award in Sport has been designed to provide an engaging and stimulating introduction to the world of sport. The qualification builds on learning from Key Stage 3 and is equivalent to 1 GCSE.</p> <p>It has 120 guided learning hours. It consists of 4 units, one of which is externally assessed in the form of an exam. The other 3 units are coursework based and allow the students to present knowledge in a work-related context. There are 2 core units, “Fitness Testing and Training” and “Practical Sport” the other two units are “The Sports Performer in Action” and “Training for Personal Fitness”.</p> <p>This course can lead on to Level 3 and Level 4 and is ideal for anyone interested in a job in the sports world, be it teaching, playing or coaching. It also provides opportunities to develop personal, learning and thinking skills, also English and maths knowledge and skills, in a sport-related context.</p>
Core PE	<p>In Key stage 4 students are encouraged to put into practice the skill, techniques and tactics learnt in KS3, applying them to more competitive situations in small match situations, as well as a mini tournament.</p> <p>There is an emphasis on students playing the sports and gaining enjoyment. It is hoped that students will leave Hayle Academy with the ability and ambition to continue sport and physical activity throughout their lives.</p>