

## Year 7 Curriculum Overview Map – Autumn

Please find a brief overview of the main themes or topics your child will be studying in the coming term in each subject, along with the assessment information departments have asked to share with you. Apart from external examinations, the assessment information will have to be general due to the nature of the timetable. Where no additional information is added, assessment is continuous during lessons and in books. Further information will be provided by subject teachers.

SUBJECT	CURRICULUM DETAIL	ASSESSMENT INFORMATION
Art	Introduction to drawing from observation. Sea life theme. Designing a ceramic pot.	Assessment is continuous through lessons and on completion of key projects or assignments.
Design Technology	Pupils will be partaking in a range of different skills throughout the term, learning about different processes and techniques through a safety project, then the pupils bring all these elements together to create a table lamp, inspired by the designs of Charles and Ray Eames.	Assessment is continuous through lessons and on completion of key projects or assignments.
Drama	Introduction to Drama at KS3; “Me, Myself, and I”: practical activities and ice-breakers to develop team-skills; “It’s Behind You”: effective story-telling and reporting.	Assessment based on performance during lessons at the end of the unit. Written reflection assignment completed digitally via Teams to assess critical reflection skills. Exploration of themes through variety of additional practical activities.
English	Preparation for Young Playwrights entries (due Oct half-term). Study of a variety of different mythological texts from a range of cultures.	Oracy, reading and writing skills assessed this half-term.
Food and Nutrition	Theory content - Hygiene and safety in the food room and food miles. Practical content- A variety of sweet and savoury dishes.	Assessment is continuous through practical lessons and on completion of work on nutrients and the role in the body.
French	An introduction to France, French Culture and French Language. Alphabet, sound patterns and phonics. Introducing yourself; Greetings, saying how you are, name, age, birthday.	Summative = Spelling test on greetings, saying how you are & exam style listening task. Formative every lesson.
Geography	An introduction to the new CfW curriculum, locational knowledge of the world and how our local geography shapes us.	Skills Challenge 1 and retrieval practice of locational knowledge and use of geographical skills.
History	An introduction to History and humanities. An enquiry: What Cardiff means to me	Enquiry based project on Cardiff.
ICT	First half term – <b>Microbit Programming</b> – Pupils will be developing programming skills by making a range of programs for Microbit Computers.  <b>Design Skills:</b> Pupils will learn how to design different digital products for vastly different audiences, considering colours, fonts (styles, sizes, colours etc) images and themes.	Pupils will demonstrate their programming skills during lessons and then take an online test at the end to see what they have learnt.  Design Skills unit: pupils will write an evaluation of the different digital products they have made and this will be

		assessed by teacher and recorded in their assessment booklet.
<b>Maths</b>	Number calculations involving the four operations, place value, perimeter, types of number, number patterns, order of operations, negative numbers.	Assessment is continuous through lessons and on completion of key projects or assignments. This will include tests.
<b>Music</b>	The Keyboard Challenge – An introduction to keyboard skills and melody. The Cardiff Underground – An introduction to notation and rhythm.	Assessment based on performance during lessons
<b>PE</b>	Boys: Cross country - Gym / Swimming; Rugby/Football (rotation) Girls: Cross country - Swimming / Gym; Fundamental skills - Netball/Hockey (rotation) These areas may vary in September due to Government recommendations / local authority guidance and guidance from Sports Governing Bodies due to Covid 19.	Assessment is continuous through lessons.
<b>RWH</b>	My amazing brain including learning styles. Active citizenship – introduction to skills of communication and skills of negotiation, stereotyping and racism.	No formal assessment in RWH.
<b>RE</b>	Me, My Beliefs and Being Human – Introduction to the 6 major world religions, investigating the beliefs people have, what pupils believe and what it means to be human. Festivals of Light – Exploring the festivals of Christmas and Diwali and the symbolism of light that they carry.	One assessment in each half term
<b>Science</b>	Discover Something New Unit. Lab safety and measuring equipment. Bunsen burners. Biometric passports for space travel. Moon landers. Moon ice. Gases.	End of theme topic test.
<b>Welsh</b>	Croeso (Welcome), Classroom commands, Spelling Bee.	Oral group assessment, Written assessment
<b>Wellbeing</b>	Connections and transitions, adjusting to secondary school. Gratitude and friendships	No formal assessment in Wellbeing

## Year 8 Curriculum Overview Map – Autumn

Please find a brief overview of the main themes or topics your child will be studying in the coming term in each subject, along with the assessment information departments have asked to share with you. Apart from external examinations, the assessment information will have to be general due to the nature of the timetable. Where no additional information is added, assessment is continuous during lessons and in books. Further information will be provided by subject teachers.

SUBJECT	CURRICULUM DETAIL	ASSESSMENT INFORMATION
Art	Multi-cultural theme. Multi Cultural Mask Studies, Designing a Multicultural Mask.	Assessment is continuous through lessons and on completion of key projects or assignments.
Design Technology	The pupils will be building on their problem-solving skills in DT lessons to design and make a flat pack, phone, watch and earphones stand. They will be completing a coursework project, researching, designing, making and evaluating over the first term and a half, bringing home their successful final product.	Assessment is continuous through lessons and on completion of key projects or assignments.
Drama	'Status'; script work, devising and the use of line drama as a staging device. Followed by Physical Theatre explorations, Frantic Assembly & chair duets.	Assessment based on performance during lessons at the end of the unit. Written reflection assignment completed digitally via Teams to assess critical reflection skills. Exploration of themes through variety of additional practical activities.
English	Preparation for Young Playwrights entries (due Oct half-term). Study of a class reader, currently either 'Holes' or 'Darkside.'	Oracy, reading and writing skills assessed this half-term.
Food and Nutrition	Theory content - Food choices, Eatwell Guide and the role of staple foods in our diet. Practical content - Scones, scone based pizza and bread.	Assessment is continuous through practical lessons and understanding of the Eatwell guide.
French	Recapping; French sound patterns & phonics. Discussing Free time activities – using the verbs "jouer, faire, aller" in the past, present and future tenses. Giving opinions.	Summative – extended writing task Formative every lesson.
Geography	Geography of population dynamics through time, and across the globe. Factors impacting population trends and differing levels of development.	Research enquiry on indicators of development, and how these show that all people have the same chances in life.
History	Enquiry: Monarchy and Parliament – How has the relationship between Monarchy and Parliament changed over time?	Enquiry: What did the Restoration change?
ICT	<b>Computer Math:</b> Pupils will be learning about how text, numbers, images and audio are represented by a computer. In doing so they will learn about the Binary number system, bitmap and vector images, character sets and audio sampling. <b>Python Programming:</b> Pupils will be having an introduction in programming using the Python Programming language.	<b>Binary Math:</b> There will be a written test at the end of week 8 to assess pupils understanding of topics covered. <b>Python:</b> Pupils will complete a programming project throughout the unit which will be peer assessed at the end.
Maths	Sequences, working with algebraic expressions, function machines, solving equations, substitution, ratio, proportion, graphs and the four operations with fractions.	Assessment is continuous through lessons and on completion of key projects or assignments.
Music	Keyboard Challenge – He's a Pirate, Pirates of the Caribbean Wimmoweh – Exploring African music and the musical element of texture	Assessment is continuous throughout lessons

<b>PE</b>	Boys: Cross country - Swimming /Gym; Basketball/Rugby/Football (rotation) Girls: Cross country - Gym / Swimming; Netball/Hockey (rotation) These areas may vary in September due to Government recommendations / local authority guidance and guidance from Sports Governing Bodies due to Covid 19.	Assessment is continuous through lessons.
<b>RWH</b>	Preparation for lifelong learning, mindfulness, mental health awareness, rights of the child and challenging inequality.	No formal assessment in RWH.
<b>RE</b>	Religion and Animal Rights – exploring the ways in which we use and abuse animals – How should we treat animals? What are the views of religious and non-religious people? God, gods and goddesses – How have human views and beliefs changed over time?	One individual assessment and one group assessment plus ongoing assessment in lessons
<b>Science</b>	Our Solar System: What is the Universe made from. Burning fuels and survival in space. Forces and friction	End of unit topic test. Skills assessment x2 – burning fuels, friction
<b>Welsh</b>	Gwyliau a Chymru – Discussing holidays and staycations in Wales and holidays abroad. Welsh culture.	Writing assessment, Oral group assessment
<b>Wellbeing</b>	Connections and mindfulness.	No formal assessment in Wellbeing.

## Year 9 Curriculum Overview Map – Autumn

Please find a brief overview of the main themes or topics your child will be studying in the coming term in each subject, along with the assessment information departments have asked to share with you. Apart from external examinations, the assessment information will have to be general due to the nature of the timetable. Where no additional information is added, assessment is continuous during lessons and in books. Further information will be provided by subject teachers.

SUBJECT	CURRICULUM DETAIL	ASSESSMENT INFORMATION
Art	Self-portrait project. Observed and measured self-portrait drawing completed, includes research into portrait artists.	Assessment is continuous through lessons and on completion of key projects or assignments.
Design Technology	The pupils will be building on their problem-solving and analysis skills in DT lessons to design and make an angle table lamp. They will be completing a coursework project, researching, designing, making and evaluating over the first term and a half, bringing home their successful final product.	Assessment is continuous through lessons and on completion of key projects or assignments.
Drama	Realism & Stanislavski; selecting extracts, considering staging, characterisation, and realistic performances, to create atmosphere and impact for the audience.	Assessment based on performance during lessons at the end of the unit; linked to GCSE Unit 2 style performance exam. Written reflection assignment completed digitally via Teams to assess critical reflection skills. Exploration of themes through variety of additional practical activities.
English	Preparation for Young Playwrights entries (due Oct half-term). Study of a set text (usually 'The Outsiders' or 'The Hunger Games') including a variety of writing tasks, reading analysis of selected chapters, and group discussion.	Oracy, reading and writing all assessed linked to the novel studied.
Food and Nutrition	Vegetarian alternatives, nutritional needs of the population and composite meals. Practical lessons to include curry, cheesecake and jambalaya.	Assessment is continuous through practical lessons and on completion work of nutrient needs.
French	Recapping; French sound patterns & phonics. Discussing where we live (house, location, descriptions) using the verb "habiter" in the present, imperfect and conditional tenses. Using prepositions. Giving opinions.	Summative – reading assessment Vocabulary test Formative - every lesson.
Geography	Studying the impact of the global fashion industry, and how we are all influenced by our choices as a retailer, consumer and user of all things global.	Investigation into how our fashion has an impact on people in the world – the good and the bad.
History	What is it like to live in a Dictatorship? Case Study: Nazi Germany part 1 (rise of Hitler) and 2 (life in Nazi Germany).	Exam style questions on the rise of Hitler and life in Nazi Germany.
ICT	<b>Computer Networks:</b> Pupils learn about what a network is, it's hardware, benefits, limitations, topologies, and how the Internet works. <b>Boolean Logic:</b> Pupils will learn about what Boolean logic is and its practical application in Computer Science and ICT.	<b>Computer Networks:</b> End of topic assessment (around week 8) <b>Boolean Logic:</b> End of Unit Test

<b>Maths</b>	Working with data, Probability, Standard form, Forming and solving equations, straight line graphs and working in the cartesian plane.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Music</b>	Tequila – Exploring the musical element of rhythm through Latin American Music. Hamilton – Exploring the music of ethnic minority composers through musical theatre.	Assessment based on composition during lessons
<b>PE</b>	Boys: Cross country - Gym / Swimming; Basketball/Rugby/Football (rotation) Girls: Cross country - Swimming / Gym; Netball/Hockey (rotation) These areas may vary in September due to Government recommendations / local authority guidance and guidance from Sports Governing Bodies due to Covid 19.	Assessment is continuous through lessons.
<b>RWH</b>	Preparation for lifelong learning, growth mindset, enterprise skills and careers. Challenging career stereotypes and raising aspirations. Making ethical financial decisions and managing money. Emotional literacy and wellbeing, racism and how to study.	No formal assessment in RWH.
<b>RE</b>	Crime, Punishment and Forgiveness – Why do people commit crime and how do we punish those who commit crime? Should Capital Punishment be used? Should we forgive people who commit the most serious crimes? Suffering and Evil – The Holocaust – a study into why the Holocaust happened and how religious belief and faith were challenged by the suffering endured during the Holocaust	One assessment per module
<b>Science</b>	Physics -Conversions. Speed, distance and time. Moments. Sound waves. Biology – Reproduction and Inheritance Chemistry – Atom, Elements, Compounds, Periodic Table	Physics: Speed, distance and time unit test. Roller ball practical skills investigation/assessment. Biology – Reproduction assessed homework, Reproduction end-of-topic assessment, Inheritance assessed homework, Reproduction and Inheritance end-of-term assessment. Biology Rewards Challenge. Chemistry- Test Week 8
<b>Welsh</b>	NEW GCSE Course, Individual presentation. Problemau Pobl Ifanc – Youth problems.	Individual presentation, Oral group assessment
<b>Wellbeing</b>	Connections and transitions. What is positive mental health.	No formal assessment in Wellbeing.

## Year 10 Curriculum Overview Map – Autumn

Please find a brief overview of the main themes or topics your child will be studying in the coming term in each subject. The assessment information includes details of external examinations. Your child will receive a personalised exam timetable, which will give the most up to date information on the exams.

SUBJECT	CURRICULUM DETAIL	ASSESSMENT INFORMATION
<b>Art</b>	Introduction to the theme of the environment with an emphasis on observational drawings and research into relevant artist/designers.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Art Photography</b>	Introduction to Photography with the theme of the environment. Developing key technical photography skills including theory work, recording and editing skills.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Biology</b>	<p>Triple Science - Topic 1 – A. Cells, B. Movement across membranes and C. Enzymes</p> <p style="text-align: center;">Topic 2 – Digestion and the Digestive System</p> <p>Double Science - Topic 1 – A. Cells, B. Movement across membranes and C. Enzymes</p> <p style="text-align: center;">Topic 2 - Digestion and the Digestive System</p>	<p>End-of-topic assessed homework exercises (PPQs)</p> <p>Half term cumulative tests</p> <p>End-of-topic assessed homework exercises (PPQs)</p> <p>Half term cumulative tests</p>
<b>Business – Work related Education</b>	Introduction to workplace ICT. Followed by learning about Entrepreneurs.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Business Studies</b>	Introduction to Business, includes goods and services, business plans and business aims and objectives.	Assessment of individual topics including class based tasks and internal tests throughout the year.
<b>Chemistry</b>	<p>Double: 2.1 Elements &amp; Compounds, Calculations, 2.2 Atomic structure, Periodic Table</p> <p>Triple: 1.1 Elements &amp; Compounds, Calculations, 1.2 Atomic structure, Periodic Table</p>	Tests: Weeks 8 & 15
<b>Computer Science</b>	<b>Python Programming (Unit 3):</b> Pupils will be learning how to code using the Python programming language.	There will be short milestone assessments at key intervals, the work leads to completion of the 20 hour NEA task for WJEC Computer Science (Unit 3).

<b>Drama</b>	Introduction to GCSE Drama; exploration of practitioners and performance styles; devising and text based units with guided unit reflections.	Assessment is formative/continuous, during lessons.
<b>Electronics</b>	<p>Component 1 -Discovering Electronics</p> <p>This component covers the following topics:</p> <ol style="list-style-type: none"> <li>1. Electronic systems and sub-systems</li> <li>2. Circuit concepts</li> <li>3. Resistive components in circuits</li> <li>4. Switching circuits</li> <li>5. Applications of diodes</li> <li>6. Combinational logic systems</li> </ol>	<p>Assessment of individual topics internal tests throughout the year.</p> <p>Written examination at the end of year 11 : 1 hour 30 minutes 40% of qualification 80 marks</p>
<b>Engineering Design</b>	<p>The pupils will be starting with a safety project, beginning with a small design and make product to assess their competency, accuracy and understanding of health &amp; safety in the workshop.</p> <p>They will then be completing a mini design and make project where they will design, model and build a desk lamp, including soldering, modelling and product development. They will cover the materials theory at the same time. After that they will be skill testing various techniques such as soldering, metal work, blue foam modelling, joining techniques, smart materials and mechanisms.</p>	Assessment is continuous through lessons and on completion of key projects or assignments. An end of module test will assess their theory knowledge and understanding.
<b>English</b>	Focus on English Literature Unit 3 Poetry NEA task.	Continuous assessment within lessons and completion of the NEA in November 2023 (TBC).
<b>Food and Nutrition</b>	<p>Introduction to the course</p> <p>Basic nutrition and health issues in Wales, understanding commodities and provenance with the focus on fruits and vegetables. Scientific investigations and a range of practical tasks building on skills learnt at KS3.</p>	Practical assessment and written tasks.



<b>French</b>	<p>Broad theme coverage of identity and Culture. Sub theme focus of self and relationships.</p> <p>Grammatical focus of present tense, adjective position and agreement, reflexive verbs, perfect tense, direct object pronouns, conditional tense</p> <p>Exam style questions</p>	<p>Regular vocabulary tests</p> <p>Writing assessment</p> <p>Formative assessment every lesson.</p>
<b>Geography</b>	<p>Unit 1 – paper 1 – Core – Distinctive landscapes – management of places which are popular due to their distinctive features; physical processes at work in our landscape – river processes and landforms</p>	<p>Research on local area – distinctive features and how we can present the data we collect via bipolar scores.</p>
<b>History</b>	<p>The USA: A Nation of Contrasts, 1910-29 – Immigration</p> <p>The USA: A Nation of Contrasts, 1910-29 – Race and Religion</p> <p>The USA: A Nation of Co1ntrasts, 1910-29 – The Economic Boom</p>	<p>Exam-style question end-of-topic test on all booklets.</p>
<b>Health and Social Care and Childcare</b>	<p>Unit 1 Human Growth , Development and well being</p> <ol style="list-style-type: none"> <li>1. Human Development across the life Cycle</li> <li>2. Physical, social, emotional and Intellectual Health</li> </ol>	<p>Exam style questions on Human growth and development.</p>
<b>Hospitality and Catering</b>	<p>Knife skills, food safety and environmental health and food poisoning. Practical work will develop basic knife skills and preparation skills during this first term.</p>	<p>A practical skills task towards the end of term.</p> <p>Assessment on food hygiene.</p>
<b>ICT</b>	<p>Pupils will spend the Autumn term working on their Unit 2 work “Solving Problems with ICT” – the first of two coursework units that they will need to complete in the GCSE qualification.</p>	<p>Unit 2 Controlled Assessment Task – Solving Problems with ICT”</p>
<b>Maths / Numeracy</b>	<p>Number Facts, Compound Measures,  taxes, Area and Volume and Data Analysis</p>	<p>Assessment is continuous, during lessons.</p>
<b>Media Studies</b>	<p>Key Media terminology, looking at evidence from a variety of forms, towards the Unit 1 exam. Draft work in Photoshop and practical production.</p>	<p>Assessment is continuous through lessons.</p>
<b>Music</b>	<p>Introduction to GCSE Music</p>	<p>Assessment is continuous, during lessons.</p>

	Focus on AoS Musical Forms and Devices, Composition and Solo Performance	
<b>PE</b>	<p>Games: Boys - Fitness – term 1 ball or striking games term 2 – compulsory fitness options / ball game</p> <p>Girls – Term 1 Fitness – upper school Term 2 ball or striking games – lower school</p> <p>GCSE PE – Components of fitness; fitness testing and the methods of fitness testing; methods of training and the Principles of Training.</p> <p>These areas may vary in September due to Government recommendations / local authority guidance and guidance from Sports Governing Bodies due to Covid 19.</p>	Assessment is continuous through lessons.
<b>Physics</b>	<p>Triple: Features of waves. Making use of energy. Electric circuits. Generating electricity.</p> <p>Double: Features of waves. Making use of energy. Electric circuits.</p>	End of unit tests.
<b>Product Design</b>	<p>The pupils will be starting with a safety project, beginning with a small design and make product to assess their competency, creativity and understanding of health &amp; safety in the workshop. They will then be completing a mini design and make project where they will design, model and build a desk lamp, including soldering, modelling and product development. They will cover the materials theory at the same time.</p> <p>After that they will be skill testing various techniques such as soldering, lamination, blue foam modelling, joining techniques, smart material, graphical drawings and rendering</p>	Assessment is continuous through lessons and on completion of key projects or assignments. An end of module test will assess their theory knowledge and understanding.
<b>Psychology</b>	Paper 1 – Memory and perception	<p>Assessment is continuous through lessons</p> <p>Key assessments 1 &amp; 2</p>
<b>Core RE</b>	The Origin and value of human life- Religious and non- religious views.	Key assessments are completed at the end of each unit.

<b>Religion, Philosophy and Ethics –Full course</b>	The Origin of the world including scientific views. The ethical issues of Abortion, Euthanasia and Organ Donation.	Key assessments are completed at the end of each unit.
<b>Sociology</b>	Component 1 - Key concepts and processes of cultural transmission Families & Households	Assessment is continuous through lessons. Key assessments 1 & 2
<b>Sport and Fitness</b>	Components of fitness / fitness testing and the methods of fitness testing / methods of training and the Principles of Training. These areas may vary in September due to Government recommendations / local authority guidance and guidance from Sports Governing Bodies due to Covid 19.	Assessment is continuous through lessons.
<b>SWEET</b>	Pupils will be completing 4 units this year. During Autumn they will be working through: Unit 1 – Maintaining Physical Health and Wellbeing Unit 2 – Appreciating Emotional Wellbeing	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Welsh</b>	Gramadeg, Cymru, Diwylliant Cymru a Siarad Cymraeg (Grammar, Wales, Welsh culture and speaking Welsh)	Oral assessment – Visual stimulus, Writing assessment
<b>Wales, Europe and the World</b>	The Twentieth and Twenty First Centuries: key events and individuals	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Wellbeing</b>	Connections and transitions to upper school. Self-care and social media.	No assessment in Wellbeing.

## Year 11 Curriculum Overview Map – Autumn

Please find a brief overview of the main themes or topics your child will be studying in the coming term in each subject. The assessment information includes details of external examinations. Your child will receive a personalised exam timetable, which will give the most up to date information on the exams.

<b>SUBJECT</b>	<b>CURRICULUM DETAIL</b>	<b>ASSESSMENT INFORMATION</b>
<b>Art</b>	Working on individually chosen theme. Final piece to be created during mock exam.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Art Photography</b>	Working on individually chosen theme. Final photos to be edited during mock exam.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>ASDAN (CoPE)</b>	Challenge 7 – writing an obituary for a famous person	Completion of challenges 7, 8 & 9 for portfolio

	Challenge 8 – key skills Challenge 9 – Independent living	
<b>Biology</b>	Triple Science - Topic 1 – Classification and Biodiversity Topic 2 – Disease, Defence and Treatment Topic 3 – Microbes and their Application Topic 4 – Cell Division and Stem Cells Double Science - Topic 1 – Classification and Biodiversity Topic 2 – Disease, Defence and Treatment Topic 3 – Cell Division and Stem Cells (start)	End-of-topic tests Half term cumulative tests  End-of-topic tests Half term cumulative tests
<b>Business – Work related Education</b>	Pupils will be conducting careers research and exploring the different pathways they can take to reach their career goal.	The Twentieth and Twenty First Centuries: key events and individuals
<b>Business Studies</b>	Completing Finance unit exploring sources of finance, profit and loss, cash flow forecasts and break even. Starting People unit – exploring the recruitment process and evaluating different recruitment methods.	Assessment of individual topics including class based tasks and internal tests throughout the year.
<b>Chemistry</b>	Double: Acid Reactions, Crude Oil Triple: Acid Reactions, Crude Oil	Tests: Weeks 8 & 14
<b>Computer Science</b>	<b>Python Programming (Unit 3):</b> Pupils will be learning how to code using the Python programming language.	There will be short milestone assessments at key intervals, the work leads to completion of the 20 hour NEA task for WJEC Computer Science (Unit 3).
<b>Drama</b>	Completion of Unit 1 written coursework where necessary; examined performance and final controlled write-up. Beginning ‘in-class’ study of set text ‘Lionboy’ for Unit 3 summer exam, and preparation for Unit 2 (performance from an extract); extract selected before Christmas.	Unit 1 coursework and write-up to be completed before October half-term. Unit 3 to be examined in Summer exams, Unit 2 in Spring term (TBC) with external examiner.
<b>Electronics</b>	Component 2 -Application of Electronics This component covers the following topics: 1. Operational amplifiers 2. Timing circuits 3. Sequential systems 4. Interfacing digital to analogue circuits 5. Control circuits  Component 3 -Extended system design and realisation task Non-exam assessment (NEA)	Assessment of individual topics internal tests throughout the year. Written examination at the end of year 11 : 1 hour 30 minutes 40% of qualification 80 marks  Practical Task 20% of qualification 40 marks
<b>Engineering Design</b>	Unit 2 - Non-Exam Assessment (Coursework). Pupils will be beginning their own NEA project, including research, analysis and idea development. All work is split into assignments and set via	Assessment is continuous through lessons and on completion of key projects or assignments.

	TEAMS. All work must be uploaded onto TEAMS in line with the deadlines.	
<b>English</b>	<ol style="list-style-type: none"> <li>1. Preparation / completion / performance of Individual Extended Presentation (10% of final Language grade).</li> <li>2. Completion of English Literature Unit 3 Poetry essay (12.5%)</li> <li>3. Focus on English Language skills.</li> </ol>	Individual presentation recorded October 2023. Completion of the Literature poetry NEA November 2023. Continuous assessment in lessons.
<b>Food and Nutrition</b>	<p>Food and Nutrition in Action- unit 2 Development of practical skills and knowledge of nutrients, menu planning, time plans and food science. Completion of NEA 1 and start NEA 2</p>	NEA 1 completed, and NEA 2 started Other assessments to include past paper question style tests and practical assessments.
Geography	Data collection in an urban area – ready for NEA write-up in December. How our local area has changed over the years – considering the reasons for these changes.	NEA write-up prep and folder completion – ready for exam in December.
<b>Health and social care and childcare</b>	<ol style="list-style-type: none"> <li>2.1 Health and social care provision in Wales to promote and support health and well-being</li> <li>2.2 Public health and health promotion across the life cycle</li> <li>2.3 Factors affecting health and well-being across the life cycle</li> </ol>	Exam style questions and the start of the NEA task 2 which is set by WJEC.
<b>History</b>	NEA part B – Interpretations of Conscientious Objectors in WWI Being Medicine through time (Unit 3: Final Unit)	NEA part B. Exam-style questions; PPEs
<b>Hospitality and Catering</b>	<p>Pupils will also be introduced to elements of the non-examination assessment worth 60% of the qualification. The actual brief will also be completed during this term – theory content and a final 3 hour practical examination.</p>	Scenario assessment. Learner Assessment Brief – worth 60% of final qualification
<b>ICT</b>	In the Autumn term pupils will be developing multimedia ICT solutions as part of the second and final unit of coursework for the GCSE qualification (Unit 4).	Unit 4 Controlled Assessment Task – Developing Multimedia ICT Solutions.
<b>Maths / Numeracy</b>	Trigonometry and Angle relationships. Preparation for the Numeracy GCSE to be sat in November	Assessment is continuous through lessons with a PPE (pre public examination) being sat in October.
<b>Media Studies</b>	Close analysis of set texts for television and film, towards the Unit 2 exam. Non-examination to be completed through practical portfolio.	Assessment is continuous, during lessons. Non-examination assessment to be completed in draft form by Christmas.
<b>Music</b>	Focus on AoS Film Music, Composition and Performance skills	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>PE</b>	<p>Games: Boys - Fitness – term 1 / options - fitness / ball or striking games term 2 Girls - ball or striking games / term 2 fitness GCSE PE - Muscular and skeletal system will be covered with aspects of the skill section also included</p>	Assessment is continuous through lessons and on completion of key projects or assignments.

	These areas may vary in September due to Government recommendations / local authority guidance and guidance from Sports Governing Bodies due to Covid 19.	
<b>Physics</b>	Triple: Distance, speed and acceleration. Newton's Laws. Stars and Planets. The Universe. Work and Energy. Double: Distance, speed and acceleration. Newton's Laws. Stars and Planets.	End of unit tests.
<b>Product Design</b>	Unit 2 - Non-Exam Assessment (Coursework). Pupils will be beginning their own NEA project, including research, analysis and idea development. All work is split into assignments and set via TEAMS. All work must be uploaded onto TEAMS in line with the deadlines.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Psychology</b>	Language thought and communication The brain and neuropsychology	Assessment is ongoing in class Key assessment 1 and 2 (PPE)
<b>RE core</b>	Recap issues of Good and Evil: suffering, freewill. Diversity within Christian practices.	Assessment is ongoing in class. Unit tests. PPE
<b>Religion, Philosophy and Ethics –Full course</b>	Recap Buddhist teachings and Practices. Ethics; Relationships. Christian Beliefs.	Assessment is ongoing in class. Unit tests. PPE
<b>RWH</b>	Careers and the wider world, equal opportunities, emotional literacy, wellbeing and mental health.	No formal assessment in RWH.
<b>Sociology</b>	Education Crime	Assessment is ongoing in class Key assessment 1 and 2 (PPE)
<b>Sport and Fitness</b>	Completing Fitness for Sport and moving onto Unit 3 - Sports Campaigning	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>SWEET</b>	Pupils will be completing 4 units this year. During Autumn they will be working through: Unit 5 – Investigating Personal Identity Unit 6 – Promoting Environmental Awareness	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Cymraeg</b>	Exam techniques – Written questions – 3 broad theme revision to include “Technoleg” – technology.	Oral Mock examination, written assessment, PPE.
<b>Wales, Europe and the World</b>	Sustainable development and global citizenship	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Wellbeing</b>	Connections, financial capability, managing budgets and links to numeracy skills and study interventions.	No formal assessment in Wellbeing.

## Year 12 Curriculum Overview Map – Autumn

Please find a brief overview of the main themes or topics your child will be studying in the coming term in each subject. The assessment information includes details of external examinations. Your child will receive a personalised exam timetable, which will give the most up to date information on the exams.

SUBJECT	CURRICULUM DETAIL	ASSESSMENT INFORMATION
<b>Art</b>	Landscape and Portrait projects exploring processes and techniques.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Art Photography</b>	Introduction to advanced Photography skills and editing techniques within the themes of composition, Lighting, Surrealism, Portraiture and development of a personal project. Developing key technical photography skills including theory work, recording and editing skills.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Biology</b>	<p>Unit 1 – Basic Biochemistry and Cell Organisation                      Topic 1 – Chemical elements are joined together to form biological compounds.                      Topic 2 - Cell structure and organisation</p> <p>Unit 2 – Biodiversity and Physiology of Body Systems                      Topic 1 – All organisms are related through their evolutionary history                      Topic 2 - Adaptations for gas exchange</p>	<p>Regular homework                      End-of-topic PPQ assignment homework tasks                      Mid half-term assessment                      Half term cumulative test</p> <p>Regular homework                      End-of-topic PPQ assignment homework tasks                      Mid half-term assessment                      Half term cumulative test</p>
<b>Business Studies</b>	<p>Unit 1 Entrepreneurs, Markets and an introduction to Business with KG                      Unit 2 People and Marketing with LO</p>	Regular flipped learning and in class assessments that will be times. These assessments are to help students develop exam skills and knowledge.
<b>Chemistry</b>	1.1 Chemical reactions, 1.2 Atomic Structure, 1.3 Mole Calculations, 1.4 Bonding, 1.6 Periodic Table, 1.7 Acids, Bases and Equilibria	Tests: Week 5, 10 & 15
<b>Computer Science</b>	Unit 1 Fundamentals of Computing – Starting first topic on Hardware and Networks. Pupils will be learning about the CPU, Input Devices, Output Devices	Theory content covered in preparation for the Summer Examination.
<b>Criminology</b>	Unit 1 – Changing Awareness of Crime	Controlled assessment
<b>Cymraeg</b>	<p>Unit 1 – Oracy Exam – Film (Patagonia)                      Unit 2 – Welsh Project                      Unit 3- Grammar</p>	<p>Grammar tests                      Independent study for unit 2 project.</p>
<b>Design Technology</b>	Unit 2 Non-Exam Assessment (Coursework). Pupils will be beginning their own NEA project, including research, analysis and idea development. All work is split into assignments and set via TEAMS. All work must be uploaded onto TEAMS in line with the deadlines.	<p>Assessment is continuous through lessons and on completion of key projects or assignments.                      Theory assessments will follow completion of the module of theory.</p>

	Unit 1 - Theory will be covered in sections with all resources available on TEAMS.	
<b>Drama</b>	Introduction to AS Drama; practitioner workshops, Unit 1 preparations and process – Performance Workshop (reinterpretation of a text). First draft of coursework written element to be completed over Xmas break.	Unit 1 performance workshop examination to be internally conducted in January of the Spring term.
<b>Economics</b>	Micro Economics and start Macro Economics	Homework and tests throughout the term. Regular knowledge based tests and in class exam style questions to develop the skills and knowledge for the exams at the end of Year 12.
<b>Electronics</b>	Component 1: Core concepts. Component 1: Unit 1: Logic Gates Theory and Topic Test. Component 1: Unit 2: Op-Amps Theory and Topic Test. Component 1: Unit 3: Signal conversion Theory and Topic Test.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>English Literature</b>	Poetry of Philip Larkin (The Whitsun Weddings) and Carol Ann Duffy (Mean Time).	Preparation for Unit 2 examination in summer term.
<b>English Language &amp; Literature</b>	Preparation for the unit 1 examination in May – poetry and creative writing	Unit 1 examination – May TBC
<b>Extended Project qualification</b>	Exploring possible topics and formulating a research question. Beginning to complete production record.	
<b>French</b>		
<b>Geography</b>	Unit 1 – Physical Geog – Tectonics and the importance of internal processes which cause the earth’s plates to move with devastating consequences. Unit 2 - Human Geog – the perception of place and changes of urban areas due to local and global factors.	Ongoing homework pieces on the various elements of the course – past-paper questions being used.
<b>History</b>	Unit 1: Politics, Protest & Reform. Wales & England 1780-1880 Problems with the political system and popular protest, 1780-1820 Unit 2: Weimar and its Challenges c.1918-1933	Unit 1: End-of-topic short-answer knowledge tests; 2 exam-style essay questions (homework) Unit 2: End of topic knowledge tests and 2 exam style questions.
<b>Law</b>	Introduction to law lesson – key terms and concepts. Unit 1: Law making: How laws are made, the nature of the UK constitution and its principles as well as devolution. Delegated legislation – including types and controls. Statutory interpretation - including the rules and aids.	10 mark exam style questions on the UK constitution/law making. 28 mark scenario questions on delegated legislation and statutory interpretation. An end of topic tests.
<b>Maths</b>	Surds, Indices, Quadratics, Binomials, Statistical Analysis, Hypothesis Testing, Probability, Polynomials, Co-ordinate Geometry.	Assessment is ongoing throughout the course using assignments. In addition there will be PPE Exams when appropriate.



<b>Maths (Further)</b>	All topics listed in the Maths section. Students will also study more advanced techniques in Pure Mathematics, Mechanics and Statistics.	Same assessment procedure as Maths.
<b>Media Studies</b>	Students will be introduced to key media terminology and begin analysing print and AV advertisements. They will also complete their unit analysing the portrayal of events in the news. They will also plan and begin their production work.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Music</b>	Appraising: Focus on Haydn's Symphony 103 'Drum Roll' Set work Musical Theatre and Composition skills	Composition first draft deadline end of Autumn term.
<b>PE</b>	Performance analysis, Energy Systems and movement analysis in sport. Skill, Ability, continuums, Practice methods, Guidance These areas may vary in September due to Government recommendations / local authority guidance and guidance from Sports Governing Bodies due to Covid 19.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Physics</b>	Electrical circuits. Waves. Dynamics. Particles and Radiation. Stars. Materials. (group dependent) Unit 1 and Unit 2 AS examination preparation.	End of unit tests. PPE topic test.
<b>Politics</b>	Unit 1: Introduction to British Politics, The British Constitution and Judiciary. Unit 2: Living and Participating in a Democracy. Participation through political parties, pressure groups and political movements.	Unit 1: Exam-style question in timed conditions; Knowledge tests. Unit 2: Ongoing examination-style questions, including timed tests.
<b>Psychology</b>	Unit 1: Approaches and key psychological studies Unit 2: Research Methods	Key assessments 1 & 2
<b>Advanced Skills Baccalaureate Wales</b>	Global Community Project (25% of the qualification) Start 15 hours of active citizenship (see information letter sent home via Intouch)	Assessment 1: Contribute towards addressing the chosen global issue by planning and carrying out a community action for at least 15 hours. The planning will be set out in the Active Citizen Record. Assessment 2: Produce a research review of secondary information and use this to inform an audience
<b>Sociology</b>	Unit 1: Acquiring culture	Key assessments 1 & 2
<b>Wellbeing</b>	Adjusting to 6 <sup>th</sup> form.	No formal assessment in Wellbeing

## Year 13 Curriculum Overview Map – Autumn 2020

Please find a brief overview of the main themes or topics your child will be studying in the coming term in each subject. The assessment information includes details of external examinations. Your child will receive a personalised exam timetable, which will give the most up to date information on the exams.

SUBJECT	CURRICULUM DETAIL	ASSESSMENT INFORMATION
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<b>Art</b>	Working on Individual projects. Completion date – January.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Art Photography</b>	Working on Individual projects. Completion date – January.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Biology</b>	<p>Unit 3 – Energy, Homeostasis and the Environment  Topic 1 –Complete Populations and Ecosystems  Topic 2 – Human Impact on the Environment  Topic 2 – Importance of ATP  Topic 3 – Respiration</p> <p>Unit 4 –Inheritance, Variation and Options  Topic 1 –Complete Sexual Reproduction in Plants  Topic 2 – Sexual Reproduction in Humans  Topic 3 – Option C – Neurobiology and Behaviour</p> <p>Unit 5 – After-school sessions will begin towards the end of the term preparing students for the practical examinations.</p>	<p>Regular homework  End-of-topic PPQ assignment homework tasks  Mid half-term assessment  Half term cumulative test</p> <p>Regular homework  End-of-topic PPQ assignment homework tasks  Mid half-term assessment  Half term cumulative test</p> <p>Regular homework</p>
<b>Business Studies</b>	Studying Unit 3: Financial Analysis, Aims and Objectives and Strategy and Implementation.	Regular flipped learning and in class assessments that will be times. These assessments are to help students develop exam skills and knowledge.
<b>Chemistry</b>	3.1 Redox, 3.2 Redox Equilibria, 3.3 P Block, 4.1 Isomerism, 4.2 Benzene, 4.3 Alcohols & Phenol, 4.4 Aldehydes & Ketones, 4.5 Carboxylic Acids, 4.6 Nitrogen Chemistry, 4.8 Synthetic routes and Spectroscopy	Tests: Weeks 5, 10 & 15
<b>Computer Science</b>	Unit 5 – Extended Programming Project Pupils are designing and developing a prototype program to solve a problem that they have identified.	Part of the A Level NEA assessment Unit 5.
<b>Criminology</b>	Unit 3 – Crime Scene to Courtroom (preparing notes for CA)	Controlled assessment early December
<b>Design Technology</b>	Unit 4 Non-Exam Assessment (Coursework). Pupils will be beginning their own NEA project, including research, analysis and idea development. All work is split into assignments and set via TEAMS. All work must be uploaded onto TEAMS in line with the deadlines. Unit 3 - Theory will be covered in sections with all resources available on TEAMS.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Drama</b>	Devising workshops. Studying set texts for Unit 4 examination – “Sweeney Todd” and “Absence of War”.	Unit 3 examination (NEA) external examiner to be conducted in Spring term (date TBC) Unit 4 examination during May (Summer) examinations.

<b>Economics</b>	Micro Economics - Costs, Revenues and Profits, Market Structures and Competition Policy	Regular homework and tests throughout the term. Exam style questions in class.
<b>Electronics</b>	Finish NEA (coursework) Component 3: Task 1 - Micro Controller (Assembler Language Program). Component 2: Unit 2: Counting Circuits Theory and Topic Test. Component 2: Unit 3: PIC Programming Start NEA (coursework) - Component 3: Task 2 – Electronic System.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>English Literature</b>	Study of novels for the Unit 5 non-examination assessment. Comparison of two texts from different authors; one text pre-2000, the other post-2000.	Regular assessment and feedback of essays /activities during drafting process. Final submission of essays in Jan TBC.
<b>English Language and Literature</b>	Study of novels for the Unit 5 non-examination assessment. Comparative analysis of unseen texts and the study of a prose text from a WJEC prescribed list (The Handmaid’s Tale).	Regular assessment and feedback of essays/activities during the drafting process. Final submission of essays in early spring term.
<b>Extended Project Qualification</b>	Learners will be writing up their research project in the Autumn term.	All work produced will be assessed and subject to external moderation
<b>Geography</b>	Unit 3 – the study energy supplies and changing demands across the globe. Unit 4 – the Water Cycle, its areas of impact on the earth, as well as how climate change impacts its behaviour. Unit 5 - Individual Investigation production, related to data collection and analysis.	Individual investigation development – mentored by a member of the department. Ongoing past-paper questions on Unit 3 and 4 materials.
<b>History</b>	Unit 5: NEA on Cold War – completed as independent study. Unit 3: The USA, 1890-1990 – Changing attitudes to Race. Unit 4: Nazi Germany: Further developments in political control	Unit 5: End of September – Source pack completed, and 1st source analysed Unit 4: 2 exam-style questions
<b>ICT</b>	Year 13 will be learning the multimedia skills necessary to complete their AICT4 coursework module. The required skills are graphic design, animation, movie creation and web development with CSS.	AICT4 coursework module
<b>Law</b>	Unit 3 and 4: Recap booklet 1 including CPS and Bail Continue with Elements of a crime and begin causation and strict liability. Begin Offences against the person fatal and non-fatal	Unit 4: 50 mark exam-style question on Bail. Unit 4: 50 mark exam –style question on strict liability End of unit test. Unit 3 - Scenario practice on offences against the person. 50 mark question.
<b>Maths</b>	Differentiation, Algebra, trigonometry, Functions, Sequences and Series.	Assessment is ongoing throughout the course using assignments. In addition there will be PPE Exams when appropriate.
<b>Maths (Further)</b>	Further Maths students will extend their study of the Maths topics. They will study advanced techniques in Statistical Analysis and Mechanics.	Assessment is ongoing throughout the course.

<b>Media Studies</b>	Students will begin research and planning for their cross-media production. They will also study a range of texts from television crime drama.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Music</b>	Focus on Brahms Set work, Chamber Music in Wales, American Musical Theatre and Compositions	Composition first draft deadline end of Autumn term.
<b>PE</b>	Short term responses to exercise – the neural and hormonal control of the Cardiovascular and Respiratory Systems. Attitudes and aggression in sport. These areas may vary in September due to Government recommendations / local authority guidance and guidance from Sports Governing Bodies due to Covid 19.	Assessment is continuous through lessons and on completion of key projects or assignments.
<b>Physics</b>	Unit 3. Circular motion. SHM. Kinetic theory. Thermal physics. Unit 4. Capacitors. Electric Fields. Gravitational fields. Orbits and the wider Universe.	End of unit tests.
<b>Psychology</b>	Unit 3: schizophrenia Unit 4: designing, conducting and analysing own research	Key assessments 1 & 2
<b>Advanced Skills Baccalaureate Wales</b>	Individual project linked to career aspirations and/or university course/area of interest. Focus of the Autumn term will be selecting a topic, formulating a research question with rationale, drawing up a research plan and carrying out research.	Individual research project worth 50% of the qualification.
<b>Sociology</b>	Unit 3: Crime and Deviance Unit 4: Research methods	Key assessments 1 & 2
<b>Wellbeing</b>	Applications and pathways	No formal assessment in Wellbeing.
<b>Government and Politics</b>	Unit 3 Political Concepts and Theories Unit 4 Government and Politics of the USA	Exam style 16 mark and 24 mark questions