

## Cockermouth School Curriculum Map : Key Stage 5

	Subject	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>Y12</b>	<b>Art, Craft &amp; Design</b>	Introduction to Art & Design Every two weeks teachers will: <ul style="list-style-type: none"> <li>Deliver an art history lecture based on a movement, supported by visuals and films for students to deepen their knowledge over the two weeks.</li> <li>Introduce the theme of the brief and show how artists have responded to the theme in different disciplines and media.</li> <li>Tutor the students to offer advice and conversation to help them to develop their ideas, to motivate them to create experiments and work to create an outcome/s.</li> <li>Deliver a workshop demonstrating a new skill. Students should test this but this does not need to become a part of their response to the brief, samples may be included in their sketchbook or kept separately as appropriate to their chosen way of working.</li> </ul>				Personal investigation: This is a practical investigation supported by written material. Students are required to conduct a practical investigation into an idea, issue, concept or theme, supported by written material. The focus of the investigation must be identified independently by the student and must lead to a finished outcome or a series of related finished outcomes. The investigation should be a coherent, in-depth study that demonstrates the student's ability to construct and develop a sustained line of reasoning from an initial starting point to a final realisation. The investigation must show clear development from initial intentions to the final outcome or outcomes. It must include evidence of the student's ability to research and develop ideas and relate their work in meaningful ways to relevant critical/contextual materials. The investigation must be informed by an aspect of contemporary or past practice of artists, photographers, designers or craftspeople. The written material must confirm understanding of creative decisions, providing evidence of all four assessment objectives.	
	<b>Biology</b>	Carbohydrates, lipids and proteins. Cell structure microscopes, cell division.	Enzymes, nucleic acids. Cell membrane structure and transport.	Protein synthesis, immunity. Digestion and absorption. Gas exchange and mass transport in plants.	Diversity, adaptation and classification. Gas exchange and mass transport in animals.	Populations in ecosystems. Nutrient cycles and energy transfers.	Populations in ecosystems and fieldwork. Energy transfers and photosynthesis.
	<b>Business Studies</b>	Unit 1 - Business background, types, stakeholders. Unit 3 - Part A. Importance of Personal Finance.	Unit 1 - External Environment + Project Aim A. Unit 3 - Part B. Exploring Personal Finance.	Unit 1 - Market factors + Project Aim B. Unit 3 - Part C. Purpose of Accounting & Part D. Sources of Finance.	Unit 1 - Strategy and International + Project Aim C. Unit 3 - Part E. Break Even and Cash Flow.	Unit 1 - Research and Innovation + Project Aim D. Unit 3 - Part F. Accounts + Exam Prep + <b>Exam</b> .	<b>Project Aim E + Project Submission.</b> Unit 22 - Market Research key theories.
	<b>Chemistry</b>	Atomic structure. Bonding. Periodicity.	Amount of substance. Practical introduction. Introduction to organic chemistry.	Amount of substance. Energetics. Alkanes. Alkenes.	Kinetics. Redox. Group 2 & 7. Haloalkanes.	Equilibria. Kc. Alcohols. Organic analysis.	Rate equations. Kp. Aromatic chemistry.
	<b>Computer Science</b>	Unit 2 Data Representation. Unit 2 Fundamentals of Computer Systems. Programming.	Fundamentals of Computer Organisations and Architecture. Computational Thinking. Programming.	Communication Technologies and consequences. Operating Systems and Characteristics. Programming.	Paper 1 Preparation for Practical examination. Database Development and SQL. Laws and Ethics.	OOP. Project ideas NEA. Exams and feedback.	Project work NEA. Analysis and prototype.
	<b>Design Technology</b>	Component 1 - theory topics: 1 - Materials. 2 - Characteristics of materials. 5 - Factors influencing the development of products. 6 - Effects of technological development. Workshop skills covering design and making principles.	Component 2 - Mock NEA. Component 1 theory topics: 1 - Materials. 2 - Characteristics of materials. 5 - Factors influencing the development of products. 6 - Effects of technological development.	Component 2 - Mock NEA.  Component 1 theory topics: 3 - Processes, techniques and specialist tools. 4 - Digital technologies. 7 - Safe working practices, potential hazards and risk assessments. 8 - Features of manufacturing industries.	Component 2 - Mock NEA.  Component 1 - theory topics: 3 - Processes, techniques and specialist tools. 4 - Digital technologies. 7 - Safe working practices, potential hazards and risk assessments. 8 - Features of manufacturing industries.	Component 2- NEA: Grid 1 - Context analysis. Grid 2 - Investigation and analysis of research. .	Component 2 - NEA: Grid 3 - Product specification. Grid 4 - Design ideas.

<b>Economics</b>	Unit 1 - Economic methodology, Markets and prices. Unit 2 - Macroeconomic performance, How the macroeconomy works (aggregate demand).	Unit 1 - Prices and markets, Production and costs. Unit 2 - How the macroeconomy works (aggregate supply), Economic indicators (growth and cycle).	Unit 1 - Market structures. Unit 2 - Economic indicators (unemployment, inflation).	Unit 1 - Market failure and intervention (wealth, externalities). Unit 2 - Macroeconomic policy (monetary policy).	Unit 1 - Government failure and intervention. Unit 2 - Macroeconomic policy (fiscal and supply side policy).	Unit 1 - Individual economic decision making. Unit 2 - Measurement of macroeconomic performance.
<b>English Language</b>	Introduction to Language Levels - Framework bridging unit. Lexis & Semantics/ Pragmatics/Grammar/ Phonology/Discourse/ Graphology.	Introduction to Language Levels - Framework bridging unit. Lexis & Semantics/ Pragmatics/Grammar/ Phonology/Discourse/ Graphology.	Paper 2 Q1-Language and Regional Variation. Paper 2 Q1-Language and Social Groups. Paper 1 Q1/2/3-Meaning and Representations. Power and Technology.	Paper 2 Q1-Language and Gender. Paper 2 Q1-Language and Occupation. Paper 1 Q1/2/3-Meaning and Representations. Power and Technology.	Paper 2 Q1-Global English. Paper 2 Q1-Language Change. Paper 2 Q3-Comparative analysis. Paper 2 Q4-Editorial Writing.	Paper 2 Q3-Comparative analysis. Paper 2 Q4-Editorial Writing. NEA Investigation. NEA Original Writing.
<b>English Literature</b>	Component 1: Drama/Section B:The Importance of Being Earnest. Component 2: Prose The Handmaid's Tale. Component 3: Poetry/Section A:Poems of the Decade: An Anthology of the Forward Books of Poetry 2002 – 2011.	Component 1: Drama/Section B:The Importance of Being Earnest. Component 2: Prose The Handmaid's Tale. Component 3: Poetry/Section A:Poems of the Decade: An Anthology of the Forward Books of Poetry 2002 – 2011.	Component 1: Drama/Section B:The Importance of Being Earnest. Component 2: Prose Frankenstein. Component 3: Poetry/Section A:Poems of the Decade: An Anthology of the Forward Books of Poetry 2002 – 2011.	Component 1: Drama/Section B:The Importance of Being Earnest. Component 2: Prose Frankenstein. Coursework (20%): One extended comparative essay 2500 – 3000 words <i>The Great Gatsby</i> .	Component 2: Prose Frankenstein/The Handmaid's Tale. Component 3: Poetry/Section A:Poems of the Decade: An Anthology of the Forward Books of Poetry 2002 – 2011. Coursework (20%):One extended comparative essay 2500 – 3000 words <i>The Great Gatsby</i> .	Component 2: Prose Frankenstein/The Handmaid's Tale (open book). Component 3: Poetry/Section A:Poems of the Decade: An Anthology of the Forward Books of Poetry 2002 – 2011. Coursework (20%):One extended comparative essay 2500 – 3000 words <i>The Great Gatsby</i> Planning.
<b>French</b>	The changing nature of family. The cyber-society.	The changing nature of family. The cyber-society. The place of volunteer work. A culture proud of its heritage.	The place of volunteer work. A culture proud of its heritage.	Contemporary Francophone music. Cinema: the 7th art form.	Contemporary Francophone music. Cinema: the 7th art form.	Positive features of a diverse society. Introduction to IRP. What life for the marginalised.
<b>Geography</b>	Change Spaces: Making Places. Glacial Landscapes.	Change Spaces: Making Places. Glacial Landscapes.	Change Spaces: Making Places. Human Fieldwork. Glacial Landscapes. NEA.	Powers and Borders. ELSS. Physical Fieldwork. NEA.	Trade in the Contemporary World. ELSS. NEA.	Trade in the Contemporary World. ELSS. NEA.
<b>Health &amp; Social Care</b>	Unit 1: Building Positive relationships. Unit 13: Sexual Health, reproduction and early years development.	Unit 1: Building Positive relationships. Unit 13: Sexual Health, reproduction and early years development.	Unit 2: Equality, diversity and rights in health and social care. Unit 3: Health, safety and security in health and social care.	Unit 2: Equality, diversity and rights in health and social care. Unit 3: Health, safety and security in health and social care.	Unit 2: Equality, diversity and rights in health and social care. Unit 3: Health, safety and security in health and social care.	Unit 4: Anatomy and physiology in health and social care.
<b>History</b>	Paper 1: In search of the American Dream: the USA, c1917–96. Paper 2: South Africa, 1948–94: from apartheid state to 'rainbow nation'.					Paper 1: USA (cont). Paper 3: Poverty, Public Health and the State.
<b>Double Mathematics (Pure)</b>	Algebra and functions. Coordinate geometry in the (x, y) plane. Further algebra.	Differentiation. Trigonometry. Integration. Vectors (2D). Exponentials & logarithms.	Exponentials & logarithms continued. Proof. Algebraic and partial fractions.	Trigonometry continued. Parametric equations. Differentiation.	Numerical methods. Integration part 1. Integration part 2. Vectors (3D).	Complex Numbers. Series. Matrices. Roots of polynomials.

				Functions and modelling. Series and sequences. The binomial theorem. Trigonometry.			
<b>Double Mathematics (Applied)</b>	Quantities and units in mechanics. Statistical sampling. Kinematics 1. Algorithms.	Kinematics 2. Data presentation and interpretation. Forces & Newton's Laws 1. Forces & Newton's Laws 2. Introduction to graph theory. Algorithms on maths.	Data presentation and interpretation 2. Probability Algorithms on graphs. Route Inspection.	Statistical distributions. Statistical hypothesis testing Travelling salesman. Linear programming.	Kinematics 3. Critical path analysis.	Regression and correlation. Simplex algorithm.	
<b>Mathematics (Pure)</b>	Algebra and Functions.	Algebra and Functions continued. Coordinate Geometry in the x, y plane. Further Algebra.	Differentiation. Trigonometry.	Trigonometry continued. Integration.	Vectors (2D). Exponentials and Logarithms.	Proof. Algebraic and Partial Fractions.	
<b>Mathematics (Applied)</b>	Quantities and Units in Mechanics. Statistical Sampling 1. Kinematics 1.	Kinematics 2. Data Presentation and Interpretation. Forces & Newton's Laws 1. Forces & Newton's Laws 2.	Data Presentation and Interpretation 2. Probability.	Statistical Distributions. Statistical Hypothesis Testing.	Kinematics 3.	Regression and correlation.	
<b>Medical Science</b>	Unit 3 - Research methods (methods, ethics, T test, Chi squared, Spearman's rank). Unit 1 - Biological molecules and organelles.	Unit 3 - Research methods and coursework. Unit 1 - Human physiological systems. Unit 2- Physiological measurement techniques.	Unit 1- DNA and RNA. Unit 2- Coursework write up.	Unit 1 - Immune system, endocrine system, musculoskeletal system and pathogens.	Revision and exam (unit 1).	Unit5 - Clinical laboratory techniques (Chromatography, RIA, ELISA). Unit 4 - Medicines and treatment of disease intro (Adherence, Administration).	
<b>Physical Education</b>	1 - Skeletal System & Muscular Systems. 2.1 Skill Acquisition. Classification of skills. Stages of Learner. Types and Methods of practice within the learning of skills. Introducing Guidance methods. 3.1 - Global Sporting events: Modern Olympic Games. EAPI (06) - Skill strengths and weaknesses.	1 - Cardiovascular System & Respiratory System. 2.1 Skill Acquisition. Guidance - types and uses Transfer of skills - inc link to reinforcement. Feedback Types. Principles and Theories of Learning movement skills: Operant conditioning. Cognitive Theory of Learning. Bandura's Social Learning Theory.. 3.1 - Hosting global Sporting events. Emergence and evolution of modern sport: pre-industrial Britain. EAPI (06) - Skill strengths and weaknesses.	1 - Diet and Nutrition. 2.2 Sports Psychology. Individual Differences (2.2) – <b>motivation</b> , intrinsic and extrinsic. Individual Differences (2.2) - <b>Arousal</b> inc drive theory, inverted U theory and Catastrophe theory. Individual differences - <b>anxiety</b> introduction. 3.1 - Emergence and evolution of modern sport: post 1850s industrial Britain and 20 <sup>th</sup> century. EAPI (06) - Tactical strengths and weaknesses	1 - Aerobic Capacity & Strength Training. 2.2 Sports Psychology. Individual differences - <b>anxiety</b> - zone of optimal functioning. Individual Differences (2.2) – <b>personality</b> : trait, social learning theory and interactionist theory. Individual Differences (2.2) – <b>Attitudes</b> - components and factors that affect attitude - persuasive communication and cognitive dissonance. 3.1 - Emergence and evolution of modern sport: 20 <sup>th</sup> and 21 <sup>st</sup> century Britain. EAPI (06) - Fitness strengths and weaknesses.	1 - Flexibility Training, Impact of Training on Lifestyle & Diseases. 2.2 Sports Psychology. Individual Differences <b>Aggression</b> ; definitions, theories of aggression instinct, social learning, frustration-aggression hypothesis, aggressive cue hypothesis. Exam preparation - Year 12 exams. Individual Differences (2.2) – <b>Social Facilitation</b> ; definition of social facilitation and social inhibition. 3.1 - Emergence and evolution of modern sport: Conclusion of 21 <sup>st</sup> century Britain. 3.2 Ethics and deviance in sport: drugs and doping in sport.	1 - Biomechanical Principles. 2.1 Skill Acquisition. Memory Models - Atkinson and Shiffren's multi store memory model – use of selective attention. Memory - Craik and Lockhart Levels of processing model. 2.2 Group and team dynamics. 2.2 Goal setting in sports performance. 3.2 Ethics and deviance: Drug and doping in sport. EAPI (06) Development plan.	

						Year 12 exams. EAPI (06) Development plan.	
<b>Physics</b>	Working scientifically. Particle physics.	Quantum phenomena, materials. Electricity.	Mechanics. Electricity.	Mechanics. Waves.	Mechanics. Waves.	Mechanics. Waves.	Further mechanics. Circular motion.
<b>Psychology</b>	Introduction to Psychology. Research Methods. Approaches in Psychology. Attachment.	Research Methods. Biopsychology. Attachment. Psychopathology (intro).	Research Methods. Psychopathology. Attachment.	Research Methods. Social Influence. Attachment.	Research Methods. Social Influence. Memory.	Research Methods. Social Influence. Memory.	Research Methods. Memory.
<b>RSL Creative &amp; Performing Arts</b>	Preparatory work on unit content - Approaches to Acting, Dance Techniques and Solo Music Performance.	Approaches to Acting - four major acting systems. Dance Techniques - perform seen/ unseen sequence demonstrating technique. Solo Music Performance - action planning; create set list and rehearsal schedule.	Approaches to Acting - essay on four major acting systems. Dance Techniques - compose own dance routine. Solo Music Performance - revisit action planning; set list and rehearsal schedule.	Approaches to Acting - act a scene. Dance Techniques - rehearse own dance routine. Solo Music Performance - prepare set.	Approaches to Acting - evaluate performance. Dance Techniques - perform own dance routine. Solo Music Performance - perform set, review and evaluate performance.	Approaches to Acting - evaluate performance. Dance Techniques - perform own dance routine. Solo Music Performance - perform set, review and evaluate performance.	Prepare for Y13 course.
<b>Spanish</b>	<b>Cyberspace</b> - Discuss the positive and/or negative influence of the internet. <b>Traditional and modern values</b> - Describe the various types of 21 <sup>st</sup> century Spanish family and how these differ from the family model of the past.	<b>The influence of idols</b> - Discuss the positive and/or negative influence singers and musicians have on people. <b>Sexual equality</b> - Discuss women in the world of work. Study the role of women at home. Discuss male chauvinism. Look at the role of feminism.	<b>Cultural Heritage</b> - Understand civilisations that contributed to the cultural heritage of Spain. <b>Regional identity in Spain</b> - Describe and discuss Spanish customs and traditions	Finish off the 6 Units from the previous 3 terms.	<b>YEAR 12 EXAM plus post exam analysis</b>  <b>Racism</b> - Describe and discuss racist and xenophobic attitudes in the Spanish-speaking world. <b>Monarchs and dictators</b> - Describe and discuss the changes from monarchy and republic to dictatorship.	<b>YEAR 12 EXAM plus post exam analysis</b>  <b>Racism</b> - Describe and discuss racist and xenophobic attitudes in the Spanish-speaking world. <b>Monarchs and dictators</b> - Describe and discuss the changes from monarchy and republic to dictatorship.	<b>Finish off work on racism.</b>  <b>Young people and their attitude towards politics</b> - Discuss the importance of politics in young people's lives and understand why their attitudes are changing.  <b>Cultural topic</b> - Como para chocolate.

## Cockermouth School Curriculum Map : Key Stage 5

	Subject	Half Term 1	Half Term 2	Half Term 3	Half Term 4	Half Term 5	Half Term 6
<b>Y13</b>	<b>Art, Craft &amp; Design</b>	Component 1: Personal investigation – continued. This is a practical investigation supported by written material. Students are required to conduct a practical investigation into an idea, issue, concept or theme, supported by written material. The focus of the investigation must be identified independently by the student and must lead to a finished outcome or a series of related finished outcomes. The investigation should be a coherent, in-depth study that demonstrates the student's ability to construct and develop a sustained line of reasoning from an initial starting point to a final realisation. The investigation must show clear development from initial intentions to the final outcome or outcomes. It must include evidence of the student's ability to research and develop ideas and relate their work in meaningful ways to relevant critical/contextual materials. The investigation must be informed by an aspect of contemporary or past practice of artists, photographers, designers or craftspeople. The written material must confirm understanding of creative decisions, providing evidence of all four assessment objectives.		Component 2: Externally set assignment. 1st February - exam day (end April/May). Separate question papers will be provided for each title. Each question paper will consist of a choice of eight questions to be used as starting points. Students are required to select one. Students will be provided with exam papers on 1 February, or as soon as possible after that date. Deadline for all work: 4th May. Deadline for AQA: 31st May.		A Level moderation exhibition June.	
	<b>Biology</b>	Photosynthesis, respiration. Inheritance.	The control of gene expression. Organisms respond to changes in their environments.	Genetics. Organisms respond to changes in their environments.	Organisms respond to changes in their environments.	Exam preparation.	Exams.
	<b>Business Studies</b>	Unit 2 - Marketing key theories. Unit 22 - Project A Market Research theories.	Unit 2 - Applied Marketing and mock controlled assessment. Unit 22 - Project B Applied Market Research.	Unit 2 - Assessment preparation + <b>Controlled assessment</b> . Unit 22 - Project C Data analysis + <b>Project Submission</b> .	Unit 3 - Revision for Resit of Finance exam.	Unit 2 - Revision for Resit of Controlled Assessment. Unit 3 - Revision for Resit of Finance exam.	<b>Resit of Finance Exam.</b>
	<b>Chemistry</b>	Thermodynamics. Organic analysis. Optical isomerism. Carbonyls.	Acids & bases. Carboxylic acids & esters. NMR.	Electrochemistry. Transition metals. Amines. Polymers. Biological molecules.	Reactions of aqueous ions. Periodicity. Organic synthesis.	Exam preparation.	Exams.
	<b>Computer Science</b>	Unit 2 Regular Language. Unit 1 Data Structures. NEA Design. Code for Paper 1.	Unit 2 The Internet. Unit 1 Fundamentals of Algorithms. NEA Implementation. NEA Testing.	Unit 2 IP addressing and Client server model. Functional Programming. NEA Evaluation. Code Paper 1.	Unit 1 Preparation for Programming Paper. NEA feedback and amendments.	Exam preparation. Recap Databases. Prep Paper 1. Revise Paper 2. NEA to exam board.	Exams.
	<b>Design Technology</b>	Component 2: NEA. Grid 5 - Development of chosen design. Grid 6 - Final design solution. Component 1: Exam theory. 11 - Information handling, modelling and forward planning. 12 - Further processes and techniques. Exam technique.	Component 2: NEA. Grid 7 - Review of development and final design. Grids 9 and 10 - manufacture of final outcome. Component 1: Exam theory. 9 - Designing for maintenance and the cleaner environment. 10 - Current legislation.	Component 2: NEA. Grids 9 and 10 - Manufacture of final outcome. Grid 11 - Testing and evaluation. Component 1: Exam theory. Component 1: Exam. Retrieval and exam technique of topics 1-6.	Component 1 – Exam. Retrieval and exam technique of topics 7-12. Component 2 - NEA feedback and amendments.	Revision and exam preparation.	Exams.
	<b>Economics</b>	Unit 1 - Production, costs and revenue, Perfect competition. Unit 2 - Economic performance and Financial markets.	Unit 1 - Imperfect competition (monopoly, oligopoly etc). Unit 2 - Monetary, fiscal and supply side policies.	Unit 1 - Labour market, Distribution of income and wealth. Unit 2 - International economy (globalization and trade).	Unit 1 - Market mechanism and Market failure. Unit 2 - International economy (balance of payments and development).	Revision and exam preparation.	Exams.
	<b>English Language</b>	Paper 1 Question 1 - Child Language Acquisition.	Paper 1 Question 1 - Child Language Acquisition.	Paper 2 Question 1 - Language and Regional Variation/Gender.	Paper 2 Question 1- Global English.	<u>Paper 1</u>	Exams.



		Paper 2 Question 2 - Language Change. Paper 2 Question 3 - Comparative analysis. Paper 2 Question 4 - Editorial Writing. NEA Investigation. NEA Original Writing.	Paper 2 Question 2 - Language Change. Paper 2 Question 3 - Comparative analysis. Paper 2 Question 4 - Editorial Writing.	Paper 2 Question 1 - Language and Social Groups/Occupation. Paper 1 - Q1/2/3 Meaning and Representations.	Paper 2 Question 1 - Language Change. Paper 2 Question 3 - Comparative analysis. Paper 2 Question 4 - Editorial Writing.	1/2/3 - Meanings and Representation. 4 - Child Language Acquisition – Speech. <u>Paper 2</u> 1 - Gender/Regional Variation/Occupation/Social Groups. 2 - Global Language/ Language Change. 3 - Comparative analysis. 4 - Editorial Writing.	
<b>English Literature</b>	Component 1: Drama/ Section A: Othello. Component 2: Frankenstein Component 3: Poetry/ Section A: Poems of the Decade: An Anthology of the Forward Books of Poetry 2002 – 2011. Unseen poetry anthology. Coursework (20%): One extended comparative essay 2500 – 3000 words.	Component 1: Drama/ Section A: Othello. Component 2: Frankenstein. Component 3: Section B: Christina Rossetti. Coursework (20%): One extended comparative essay 2500 – 3000 words.	Component 1: Drama/Section A: Othello. Component 3: Section B: Christina Rossetti 'Goblin Market'.	Component 1: Drama/Section A: Othello. Component 3: Section B: The Importance of Being Earnest. Component 3: Section B: Christina Rossetti.	Component 1: Drama/ Section A: Othello. Component 2: Prose: Frankenstein/The Handmaid's Tale. Component 3: Poetry/ Section A: Poems of the Decade: An Anthology of the Forward Books of Poetry 2002 – 2011 (open book).	Exams.	
<b>French</b>	IRP – ongoing. No et Mo i- Delphine de Vigan. . positive features of a diverse society. Introduction to IRP. What life for the marginalised.(22-23)	IRP – ongoing. No et Moi - Delphine de Vigan. La Haine . M Kazovitch.	IRP – ongoing.. How criminals are treated Politics and immigration.	IRP - ongoing. Teenagers, the right to vote and political engagement. Demonstrations, strikes, who holds the power.	Revision and preparation for oral exam.	Exams.	
<b>Geography</b>	Trade in the Contemporary World. Disease Dilemmas. ELSS. NEA.	Disease Dilemmas. Exploring Oceans.	Disease Dilemmas. Human Fieldwork. Exploring Oceans.	Disease Dilemmas. Exploring Oceans.	Revision. Exploring Oceans.	Exams.	
<b>Health &amp; Social Care</b>	Unit 4: Anatomy and Physiology.	Unit 4: Anatomy and Physiology.	Unit 24: Public Health.	Unit 24: Public Health.	Unit 24: Public Health.	Exams	
<b>History</b>	Paper 3: Poverty, public health and the state in Britain, c1780–1939. NEA.						
<b>Double Mathematics (Pure)</b>	Argand diagrams. Volumes of revolution. Linear transformations. Proof by induction. Vectors.	Complex Numbers. Hyperbolic functions. Methods in calculus. Series.	Methods in differential equations. Volumes of revolution. Polar coordinates. Modelling with differential equations.	Preparation for exams.	Preparation for exams.	Exams.	
<b>Double Mathematics (Applied)</b>	Normal distribution. Forces at any angle. Applications of forces.	Further kinematics. Momentum and impulse. Work, energy and power.	Elastic strings and springs and elastic energy. Elastic collisions in one dimension.	Elastic collisions in two dimensions. Preparation for exams.	Preparation for exams.	Exams.	
<b>Mathematics (Pure)</b>	Functions and modelling. Series and sequences. The binomial theorem.	Trigonometry.	Parametric equations. Differentiation.	Numerical methods. Integration part 1. Integration part 2.	Integration part 2 continued. Vectors (3D).	Exams.	

	<b>Mathematics (Applied)</b>	Moments. Normal distribution.	Forces at any angle. Applications of forces.	Further kinematics. Preparation for exams.	Preparation for exams.	Preparation for exams.	Exams.
	<b>Medical Science</b>	Unit 5 - Clinical laboratory techniques (assays, chromatography, RIA, ELISA, Haematology). Unit 4 - Medicines and treatment of disease (Effect of medicines on body systems and causative agents).	Unit 5 - Clinical laboratory techniques (Histopathology, Microbiology, Genetic techniques). Unit 4 - Medicines and treatment of disease (Loss of effectiveness, interactions, distribution, adverse reactions, cancer).	Unit 5 - Practise unit 5 coursework. Unit 4 - Complete unit 4 Coursework.	Unit 5 - Complete unit 5 coursework.  Prepare for and revise for Unit 6 exam.	Revision and exam (Unit 6).	Exams.
	<b>Physical Education</b>	1.1.c Energy for Exercise and the recovery process. 2.2 Attribution, 2.2 Confidence and self-efficacy in sports performance. 3.2 Ethics and deviance: Drugs and doping in sport, Violence in sport, Gambling in sport. EAPI (06) - practice adding in application of theory.	1.1.d Environmental effects on the body. Effects of Altitude and Heat. 2.2 Conclude confidence and self-efficacy in sports performance. 3.2 Modern technology in sport.. 3.2 Routes into sporting excellence. EAPI (06) - working towards EAPI mock.	1.2.c Injury prevention, treatment and the rehabilitation of injury. 3.2 Conclude Routes into sporting excellence. 2.2 Stress management. 2.2 Leadership in sport. EAPI (06) - review of EAPI mock and preparation for final EAPI.	1.3.b Biomechanics. Linear motion, angular motion, fluid dynamics and projectile motion. 3.2 Commercialisation and media. Preparation for the external exam for both units 2 and 3.	Revision and exam preparation.	Exams.
	<b>Physics</b>	SHM. Thermal Physics.	Gravitational fields, electric fields. Nuclear physics.	Magnetic Fields. The discovery of the electron.	Electromagnetic induction. Wave-Particle duality.	Capacitors. Special relativity.	Exams.
	<b>Psychology</b>	Research Methods. Issues and Debates. Approaches Year 2.	Research Methods. Biopsychology Year 2. Schizophrenia.	Research Methods. Aggression.	Research Methods. Relationships.	Revision.	Exams.
	<b>RSL Creative &amp; Performing Arts</b>	Planning for a career in the Creative and Performing Arts - Task 1. Global Dance Styles - Tasks 1.1 - 1.4. Vocal techniques - Tasks 1.1, 2.1-2.3.	Planning for a career in the Creative and Performing Arts - Task 1. Global Dance Styles - Tasks 1.1 - 1.4. Vocal techniques - Tasks 1.1, 2.1-2.3.	Performance preparation - externally assessed unit.	Performance preparation - externally assessed unit.	Planning for a career in the Creative and Performing Arts - Tasks 2.1-2.3. Global Dance Styles - Tasks 2.1, 3.1, 3.2. Vocal techniques - Tasks 3.1, 4.1. Resubmissions for Autumn term tasks.	End of Course.
	<b>Spanish</b>	Finish off the previous topic of <b>Young people and their attitude towards politics</b> . Continue studying <b>Cultural Topic</b> - Como agua para chocolate.	<b>Popular movements</b> - Consider and discuss how effective protests and strikes are. Describe and discuss the power of trade unions. Continue studying <b>Cultural Topic</b> - Como agua para chocolate.	<b>Cultural topic</b> - El Laberinto del Fauno <b>Immigration</b> - Discuss the positive and negative aspects of immigration.	Continue studying <b>Cultural topic</b> - El Laberinto del Fauno. <b>Integration</b> - Understand and describe the different ways cultures integrate in Hispanic society.	Revision of whole course.	Exams.