



CLAYESMORE  
PREP

## 2020-21 Curriculum Map Year Eight

These are long term plans drawn up for the start of the school year, therefore there may be some variation as the year progresses.

Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>English &amp; Drama</b>	READING Fiction – class reader Non-fiction – travel writing (recount) Character description Comprehension – non-literary (travel recount) Independent and guided reading WRITING Travel writing (recount) Character description SPEAKING & LISTENING AND DRAMA Group discussion and interaction Active listening skills and strategies Dramatic conventions Recount - travel experiences SPELLING, PUNCTUATION & GRAMMAR Verbs Verb tense Phrases and clauses Paragraphs (topic and support sentences) Active & passive voice Recount text (key features) Proofreading skills	READING Fiction – class reader Fiction – short story (imagine, explore and entertain) Non-fiction – feature articles (journalistic) Comprehension – literary prose (short story) Independent and guided reading WRITING Short story (prose) Feature article (journalistic) SPEAKING & LISTENING AND DRAMA Group discussion and interaction Active listening skills and strategies Dramatic conventions Interviews - feature articles SPELLING, PUNCTUATION & GRAMMAR Nouns and expanded noun phrases Adjectives and thesaurus work Phrases and clauses (continued) Feature article (key features) Proofreading skills	READING Fiction – class reader Poetry – First World War (patriotic and realistic) Comprehension – poetry Independent and guided reading WRITING Poetry in the style of a First World War poet Formal letter Informal letter SPEAKING & LISTENING AND DRAMA Group discussion and interaction Active listening skills and strategies Dramatic conventions Reading poetry aloud/performance poetry SPELLING, PUNCTUATION & GRAMMAR Adverbs & adverbials Direct & reported speech Formal and informal language Formal and informal letters – layout Proofreading skills Punctuation Spelling scheme	READING Fiction – class reader Non-fiction – speech (persuasion/argument) Fiction – character description Comprehension – Poetry: ‘A Case of Murder’ Scannell (symbolism) Independent and guided reading WRITING Speech (persuasion/argument) Description (character) SPEAKING & LISTENING AND DRAMA Group discussion and interaction Active listening skills and strategies Dramatic conventions Character work SPELLING, PUNCTUATION & GRAMMAR Prepositions & prepositional phrases Pronouns Persuasion/argument (features) Proofreading skills Punctuation Spelling scheme ASSESSMENT	READING Non-fiction – revise non-fiction text types Poetry – other cultures and traditions, to include African/American Comprehension – timed practice Independent and guided reading WRITING Timed practice: short story and description Timed practice: feature articles, recount, formal and informal letters and speech SPEAKING & LISTENING AND DRAMA Group discussion and interaction Active listening skills and strategies Dramatic conventions Comparing texts SPELLING, PUNCTUATION & GRAMMAR Apostrophe – omission & possession Proofreading skills Punctuation Spelling scheme ASSESSMENT CE exams	POST CE PROJECT Plan and devise a whodunit (small groups) Group discussion & interaction Active listening skills & strategies Dramatic conventions Play-script Presenting to an audience

	Punctuation Spelling scheme ASSESSMENT PIRA Autumn	Punctuation Spelling scheme ASSESSMENT Unaided writing - teacher assessment	ASSESSMENT PIRA Spring	Mock examinations		
<b>Maths</b>	(Set 1)  <u>Number Work</u> Long Multiplication/ Division Factors/Multiples Prime Numbers Prime Factors HCF/LCM Negative Numbers Index Numbers <u>Decimals</u> Adding/Subtractin g/ Multiplying & Dividing Metric System Decimal Places and Significant Figures <u>Fractions</u> Equivalent Fractions Fractions, Decimals and Percentages Mixed Numbers and improper Fractions Adding/Subtractin g/ Multiplying & Dividing Fraction of an amount The Reciprocal Index Numbers Negative Indices <u>Solving Equations</u> with $x^2$ Squares and Square Roots Using Prime Factors to find Square Roots Other Roots Standard Index Form Roots as Indices Calculating with Roots and Powers <u>Fractions,</u> <u>Decimals and</u> <u>Percentages</u>	(Set 1)  <u>Equations and</u> <u>Inequations</u> Using Algebra to Solve Problems Equations with <u>Fractions</u> Inexact Answers Solving Inequalities Indices and Algebra Multiplying/Dividi ng The Power 0 Negative Index Numbers Powers Index Numbers as Fractions <u>Indices and</u> <u>Brackets</u> Factorising Trial and Improvement <u>Sequences</u> Based on a Times Table/ Square Numbers/ Triangle Numbers Fibonacci Sequence Sequence Notation Working to a Rule Quadratic Sequences Geometric Sequences  <b>(Sets 2, 3 and 4)</b>  <u>Handling Data</u> Pie Charts Decimals Adding/Subtractin g/ Multiplying & Dividing Metric System <u>Algebra –</u> <u>Expression &amp;</u> <u>Formulae</u> Rules of algebra	(Set 1)  <u>Formulae</u> Substituting into Formulae Area and Volume Formulae Finding an unknown quantity Polygon Formulae Distance/Speed/Ti me Formulae Rearranging Formulae <u>Pythagoras’</u> <u>Theorem</u> The Hypotenuse Using Pythagoras’ Theorem Area and Volume Circles Volumes of a Cylinder Surface Area of a Cylinder <u>Simultaneous</u> <u>Equations</u> Solving using Graph Method Elimination Method Scale Factor Method Rearrangement and Substitution Method  <b>(Sets 2, 3 and 4)</b>  <u>Fractions,</u> <u>Decimals and</u> <u>Percentages</u> Rules of Conversion Percentage of an Amount Calculating the Percentage Profit and Loss <u>Ratio &amp;</u> <u>Enlargement</u> Finding Ratio	(Set 1)  <u>Graphs</u> Travel Graphs Everyday Graphs Equations to Graphs Graphs of Curves Points of Intersection The Reciprocal Curve <u>Equations and</u> <u>Brackets</u> Factorising Algebraic Equations Two Sets of Brackets Solving Equations by Factorising <u>Probability</u> Calculating Probability Theoretical Probability Probability with Two Events  <b>(Sets 2, 3 and 4)</b>  <u>Area</u> Calculating Areas of Squares & Rectangles Finding Missing Dimensions Calculating Areas of Quadrilaterals <u>Straight Line</u> <u>Graphs</u> Graphs Parallel to the Axes Straight Lines not Parallel to the Axes Substituting Negative Numbers <u>Number Work</u> Decimal Places Significant Figures	(Set 1)  <u>Transformations</u> Transformation Geometry Reflections Rotations Translations Enlargements Finding a general rule <u>Ratio and</u> <u>Proportion</u> Comparing Area and Volume Volumes of Enlargement Ratio <u>Handling Data</u> Pie Charts Frequency Diagrams Scatter Graphs Mean, Mode, Median and Range Grouped Data  <b>(Sets 2, 3 and 4)</b>  <u>Circle</u> Circumference & Area Semi-Circles and Quadrants Transformations Reflections Rotations Translation and Vectors <u>Volume</u> Cubes and Cuboids Finding Height or Depth Prisms  CE Mental Paper	Post CE tasks and projects

	<p>Rules of Conversion Percentage of an Amount Calculating the Percentage Profit and Loss Percentage Change Finding the Original Amount Compound Interest</p> <p><b>(Sets 2,3 and 4)</b></p> <p><u>Numbers</u> Addition &amp; Subtraction Multiplication &amp; Division Factors &amp; Multiples Prime Numbers Square Numbers Triangular Numbers Long Multiplication Long Division <u>Probability</u> Probability Scale Probability of an event Probability of two events <u>Fractions</u> Equivalent Fractions, Decimals and Percentages Mixed Numbers and Improper Fractions Adding/Subtracting/ Multiplying &amp; Dividing Fraction of an amount <u>Handling Data</u> Mean, Mode, Median and Range Frequency Tables Frequency Diagrams</p>	<p>Multiples &amp; Powers of x Indices Negative Numbers in Algebra Substitution Formulae <u>Angles and Polygons</u> Parallel Lines Naming Angles Polygons Interior Angles Angles in a Polygon</p>	<p>Ratio as a Fraction Solving Problems with Ratio Scale Drawings Ratio and Enlargement Drawing Enlargements <u>Algebra – Equations and Brackets</u> Multiplying out Brackets Factorising Solving Equations Solving Equations with <math>x^2</math> Equations with Brackets Fractions and Equations <u>Scale Drawings and Bearings</u> Using Bearings Calculating Bearings Measuring Bearings</p> <p>CE Mock Exam</p>	<p>Powers of 10 Standard Index Form <u>Equations and Inequations</u> Using Algebra to Solve Problems Equations with Fractions Inexact Answers Solving Inequalities</p>		
--	--	---	---	--	--	--

<b>Science</b>	<p>Photosynthesis Leaf structure Healthy plants Aerobic and anaerobic respiration</p> <p>Field trip to compare and contrast habitats</p> <p>The night sky. The solar system. The Earth. The Moon. Satellites.</p>	<p>Energy forms Energy transfer</p> <p>Temperature Conduction Radiation Convection</p> <p>Drugs Alcohol Smoking Maintaining healthy body</p>	<p>Speed Motion graphs Pressure in gasses Pressure in liquids Pressure on solids</p> <p>Moments Turning effect</p> <p>Waves Sound Volume &amp; pitch Echoes Light Reflection Refraction Colour</p>	<p>Adaptation and competition</p> <p>Adaption to change</p> <p>Variation Continuous and discontinuous variation</p>	<p>Chemical reactions Fuels Thermal decomposition Conservation of mass</p> <p>Mixtures Solutions Filtration</p> <p>Distillation Chromatography</p> <p>Revision exercises Revision using past papers</p>	<p>Year 8 on Post Common Entrance Activities</p>
<b>Geography</b>	<p><u>Tectonic processes:</u> location of plates and relationship with volcanoes/earthquakes. Types of boundaries. Earthquakes. Types of volcanoes. Cross Curricular Link- Science Convection/pressure/friction <u>Africa:</u> Challenging stereotype. Physical landscape and natural resources. Climate and biomes. Compare levels of development and opportunities across 3 countries.</p>		<p><u>Coastal landforms</u> Weathering and erosion processes. Wave types.Headland formation. Deposition features. Coastal erosion and management.</p> <p><u>Microclimate investigation:</u> Microclimate factors Modelling Fieldwork skills GIS Analysis Presentation</p>		<p><u>Coastal Fieldwork</u> at Lulworth Cove - Beach profile study - data collection, analysis and presentation.</p> <p>Revision</p>	<p><u>KS3 exams</u></p> <p><u>Natural resources</u> Water Oil Biomes</p> <p><u>Race across the world</u></p>
<b>History</b>	<b>Tudors</b>	<b>Tudors</b>	<b>Tudors</b>	<b>Tudors</b>	<b>History Mysteries</b>	<b>History Mysteries</b>
	<p>The reign of Richard III and the Battle of Bosworth Henry VII and his control of the country. Henry VIII Reformation, wives and the Mary Rose. Tudor life and society</p>	<p>Edward VI Lady Jane Grey Mary Tudor and the backlash against Protestants</p>	<p>Elizabeth - early life. Elizabeth's portraits Elizabeth and religion Mary Queen of Scots</p>	<p>The Spanish Armada Exploration and the start of the Empire. Slave Trade and Pirates Shakespeare</p>	<p>Exam revision</p> <p>Marie Celeste Disappearance of Jimmy Hoffa USS Cyclops DB Cooper Zodiac Killer Amelia Earhart Area 51</p>	<p>End of year exam</p> <p>Malaysia Airlines 370 Assassination of JFK Jack the Ripper</p>
<b>RS</b>	<b>Times of change(1)</b>	<b>Times of change(2)</b>	<b>Independent Project (Guided)</b>	<b>Independent Project (continued)</b>	<b>Completion of Independent Project</b>	<b>Gandhi</b>
	<p>The timeline project. Creating own timeline; important events, identity and belonging</p> <p>Cross-curricular link:</p>	<p>Rites of Passage (cont)</p> <p>Preparation for Christmas: Jesus – mad, bad or God? C S Lewis' view.</p>	<p>Party with a Purpose – my transition into teenage years.</p> <p>Drawing on knowledge of rites of passage in other cultures and religions, students</p>	<p>It has the following sections: Intro 35% Venue 10% Time line: 10% Introduction: comparison or rites of passage 35%</p>	<p>The project is submitted after the first exeat of the summer term.</p> <p>Contemporary religion focus:</p>	<p>Biography and beliefs of Gandhi based on the award winning film.</p> <p>Completion of own time-line of independent</p>

	Art, PHSE  Rites of passage Birth, death, marriage, entry into teenage years in Judaism, Christianity, Islam and Humanism	The Christmas story from a contemporary perspective.  Cross-curricular link: English	create their own 'transition into teenage years' project called 'Party with a Purpose'. It has the following sections	Venue 10% Speech 18% Other ceremony details: 7% Invitation: 10% Guest list/ Music playlist/ Menu 6% Cover and general presentation 4%  Cross-curricular links: ICT, Art, English	What I believe and what is important to me.  Cross-curricular links: ICT, Art, English	project to be displayed in final art exhibition.  Cross-curricular link: Art, PHSE
<b>French</b>	<u>Topics</u> Personal identity - teenagers  <u>Grammar</u> Use pronouns <i>me, te</i> and <i>se</i> in positive and negative sentences  Identify and use modal verbs: <i>devoir, pouvoir</i> and <i>vouloir</i>  Present and imperfect tenses (revision)  The imperative	<u>Topics</u> Healthy living  Song project  <u>Grammar</u>  The pronoun <i>en</i>  Talking about the past.  Talking about the future.	<u>Topics</u> Festivals and traditions  Film project  <u>Grammar</u>  Near future  Conditional: <i>on pourrait</i> + infinitive  Perfect tense with <i>être</i>  Imperfect tense	<u>Topics</u> Travel Holidays Transport  <u>Grammar</u>  Negatives: <i>ne ... jamais/ni ... ni ...</i>  Present tense of <i>choisir</i> and <i>partir</i>  Correct tenses with <i>si</i> and <i>quand</i>  Perfect and imperfect tenses	<u>Topics</u> At home  Exam revision  <u>Grammar</u>  Regular <i>-re</i> verbs in the present tense  Prepositions  <i>Si</i> clauses: the imperfect tense  <i>Si</i> clauses: the conditional	<u>Topics</u> Year 8 Exam Jobs  <u>Grammar</u>  The imperfect tense and the conditional  Using <i>quand</i> with different tenses
<b>Music</b>	<b>Spanish Music:</b>  Concierto di Aranjuez by Rodrigo; Phrygian mode composition to a backing loop.	<b>Indonesian Gamelan:</b>  Performing and arranging techniques.	<b>Music and the Movies:</b>  Identifying genres of films and their associated accompanying music styles. Identifying film music techniques. Composing music for a film.	<b>Minimalism:</b>  Listening to, performing and composing music in a minimalist style.	<b>Song Writing / Song Performance:</b>  Choosing / writing songs to perform/record as a class. Studio techniques. Rehearsal etiquette. How to write songs.	<b>Song Writing / Song Performance:</b>  contd.
<u>Throughout the Year</u> Each term topics will be chosen and possibly mixed from the above selections, with activities appropriate to current Government COVID guidelines. Whole class singing occurs regularly in lessons, chapel and in choirs. (Sep 2020: Singing will only be carried out following the safety guidelines issued and updated by the Government). There will be opportunities to join a range of ensembles as the year progresses.						
<b>Art</b>	O Keefe Flowers Picasso Bulls	Gold	British and contemporary artists	Lampshade	Self Directed project	Banners

<b>DT</b>	Egg Cup - Designer Influences How existing products and designers can influence new designs. Investigation into Philippe Starck and his work with Alessi. Develop a new egg cup design in the style of Philippe Starck and sculpt from clay.		Salad Tongs Design and manufacture Birch faced plywood salad tongs. Designing for a client and gaining a deeper understanding of manufacturing techniques and material properties. Design communication of ideas using sketches and models.		Solar garden light Up cycle/reusing existing solar light units to add value and desirability. Client and customer research with a focus on product economics.	
<b>Latin</b>	1 <sup>st</sup> declension nouns. Revision of present, imperfect, perfect and tenses, including unusual stems for perfects. The causes of the Trojan War. Vocab from the CE list	2 <sup>nd</sup> declension nouns Prepositions. Personal pronouns.  Vocab from the CE list	Future tense in both forms, Question words and -ne, Imperatives and Infinitives Greek heroes Vocab from the CE list	Adverbs, clauses using quod, quamquam and ubi. Roman heroes Vocab from the CE list	Revision of CE Level 1 syllabus. Translation and comprehension technique and past papers for revision. Vocab from the CE list	After CE exams: an introduction to Greek art and architecture
<b>Computing</b>	Google Sketchup - Plan and carry out a project using 3D design software	Computer programming using Python	HTML and website development	Control using Lego Robots	Microbits	Alan Turing and the 'Enigma' code
<b>PSHE</b>	Personal Safety and Risk Management (includes radicalisation & extremism)	Online Safety	Sex, Gender & Sexual identification  Consent  Pornography	Sex, Gender & Sexual identification  Consent  Pornography	Issues around Puberty  You & The Media (Body Image)	Careers  British Justice System  Drugs Education  Self-esteem  Anger management
<b>*PE</b>	Volleyball/Sports Leadership  Dance  Swimming – NTP: Water skills / stroke development	Volleyball/Sports Leadership  Dance  Swimming – NTP: Water skills / stroke development	Volleyball/Sports Leadership  Dance  Swimming – NTP: Water skills / stroke development	Volleyball/ Sports Leadership  Dance  Swimming – NTP: Water skills / stroke development	Tennis  Swimming – NTP: water skills/ stroke development	Tennis  Swimming – NTP: water skills/ stroke development
<b>*Games</b>	Boys: Rugby / Soccer Girls: Hockey	Boys: Rugby Girls: Hockey/ Netball	Boys: Hockey / X-Country Girls: Netball/ X-Country	Boys: Hockey / X-Country Girls: Netball/ X-Country	Boys: Cricket/Athletics Girls: Cricket/Athletics	Boys: Cricket/Athletics Girls: Cricket/Athletics

\*Please note activities/sports may need to change depending on Covid-19 restrictions