



CLAYESMORE

D O R S E T

2019-20 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
English & Drama	<p>Reading Class reader (3) Travel writing (recount) Imagery – revisit literary and poetic devices and types of imagery Comprehension – non-literary Independent and guided reading</p> <p>Writing Travel (recount) Poetry</p> <p>Speaking & Listening and Drama Group discussion & interaction Active listening skills & strategies Dramatic conventions Recount - travel experiences</p> <p>Spelling, punctuation & grammar Verbs, verb tense, auxiliary verbs, finite verbs Types of clauses and phrases Paragraphs Recount text (features)</p>	<p>Reading Class reader (3) Short story (prose) Feature articles (journalistic) Comprehension – literary prose (short story) Independent and guided reading</p> <p>Writing Short story (prose imagine, explore and entertain) Feature article (journalistic)</p> <p>Speaking & Listening and Drama Group discussion & interaction Active listening skills & strategies Dramatic conventions Interviews and presentations - feature articles</p> <p>Spelling, punctuation & grammar Nouns and noun phrases Adjectives Types of clauses and phrases cont'd Feature article (features) Proofreading skills Punctuation</p>	<p>Reading Class reader (3) Poetry – World War One Comprehension – poetry Independent and guided reading</p> <p>Writing Poetry (in the style of a World War One poet) Formal letter Informal letter</p> <p>Speaking & Listening and Drama Group discussion & interaction Active listening skills & strategies Dramatic conventions Reading poetry aloud/performance poetry</p> <p>Spelling, punctuation & grammar Adverbs & adverbials Direct & reported speech Formal and informal language Formal and informal letters - layout</p>	<p>Reading Class reader (3) Speech (persuasion) Description (Character) Comprehension – literary prose and poetry Independent and guided reading</p> <p>Writing Speech (persuasion/argument) Describe, imagine and entertain (Character)</p> <p>Speaking & Listening and Drama Group discussion & interaction Active listening skills & strategies Dramatic conventions Character work</p> <p>Spelling, punctuation & grammar Prepositions & prepositional phrases Pronouns Persuasion/argument (features) Proofreading skills Punctuation</p>	<p>Reading Poetry Examples from texts/ past papers as necessary Independent and guided reading</p> <p>Writing Revise non-fiction texts Revise description and short story Timed practice</p> <p>Speaking & Listening and Drama Group discussion & interaction Active listening skills & strategies Dramatic conventions Comparing texts</p> <p>Spelling, punctuation & grammar Apostrophe – omission & possession Proofreading skills Punctuation Spelling scheme</p>	<p>POST CE Project Plan and devise a whodunit Group discussion & interaction Active listening skills & strategies Dramatic conventions Devising and presenting</p>

	Active & passive voice Proofreading skills Punctuation Spelling scheme	Spelling scheme	Proofreading skills Punctuation Spelling scheme	Spelling scheme		
Maths	(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/Subtracting/ Multiplying & Dividing Metric System Decimal Places and Significant Figures <u>Fractions</u> Equivalent Fractions Fractions, Decimals and Percentages Mixed Numbers and improper Fractions Adding/Subtracting/ 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 Percentages</u>	(Set 1) <u>Equations and Inequations</u> Using Algebra to Solve Problems Equations with <u>Fractions</u> Inexact Answers Solving Inequalities Indices and Algebra Multiplying/Dividing The Power 0 Negative Index Numbers Powers Index Numbers as Fractions <u>Indices and 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 (Sets 2, 3 and 4) <u>Handling Data</u> Pie Charts Decimals Adding/Subtracting/ Multiplying & Dividing Metric System <u>Algebra – Expression & Formulae</u> Rules of algebra Multiples & Powers of x	(Set 1) <u>Formulae</u> Substituting into Formulae Area and Volume Formulae Finding an unknown quantity Polygon Formulae Distance/Speed/Time Formulae Rearranging Formulae <u>Pythagoras' Theorem</u> The Hypotenuse Using Pythagoras' Theorem Area and Volume Circles Volumes of a Cylinder Surface Area of a Cylinder <u>Simultaneous Equations</u> Solving using Graph Method Elimination Method Scale Factor Method Rearrangement and Substitution Method (Sets 2, 3 and 4) <u>Fractions</u> , <u>Decimals and Percentages</u> Rules of Conversion Percentage of an Amount Calculating the Percentage Profit and Loss <u>Ratio & Enlargement</u> Finding Ratio Ratio as a Fraction	(Set 1) <u>Graphs</u> Travel Graphs Everyday Graphs Equations to Graphs Graphs of Curves Points of Intersection The Reciprocal Curve <u>Equations and Brackets</u> Factorising Algebraic Equations Two Sets of Brackets Solving Equations by Factorising <u>Probability</u> Calculating Probability Theoretical Probability Probability with Two Events (Sets 2, 3 and 4) <u>Area</u> Calculating Areas of Squares & Rectangles Finding Missing Dimensions Calculating Areas of Quadrilaterals <u>Straight Line 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 Powers of 10	(Set 1) <u>Transformations</u> Transformation Geometry Reflections Rotations Translations Enlargements Finding a general rule <u>Ratio and 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 (Sets 2, 3 and 4) <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>(Sets 2,3 and 4)</p> <p><u>Numbers</u> Addition & Subtraction Multiplication & Division Factors & 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 Fractions, Decimals and Percentages Mixed Numbers and Improper Fractions Adding/Subtracting/ Multiplying & Dividing Fraction of an amount <u>Handling Data</u> Mean, Mode, Median and Range Frequency Tables Frequency Diagrams</p>	<p>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>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 x^2 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>Standard Index Form <u>Equations and Inequations</u> Using Algebra to Solve Problems Equations with Fractions Inexact Answers Solving Inequalities</p>		
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Science	<p>Photosynthesis Leaf structure Healthy plants Aerobic and anaerobic respiration</p> <p>Field trip to compare and contrast habitats</p> <p>Chemical reactions Fuels Thermal decomposition Conservation of mass</p> <p>Mixtures Solutions Filtration</p>	<p>Distillation Chromatography</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 & 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>The night sky. The solar system. The Earth. The Moon. Satellites.</p>	<p>Revision exercises Revision using past papers</p>	<p>Year 8 on Post Common Entrance Activities</p>
Geography	<p><u>Coastal landforms</u> Weathering and erosion processes. Wave types.Headland formation. Fieldtrip to Lulworth - Beach profile study - data collection, analysis and presentation. Deposition features. Coastal erosion and management. <u>Population</u> World population density and distribution. Migration. Urbanisation.</p>		<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>Independent research project</u></p> <p>Revision</p>	<p><u>KS3 exams</u></p> <p>Present Independent research project</p>
History	Tudors	Tudors	Tudors	Tudors	Tudors	Exams
	<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>Crime, punishment and the poor laws. Exam revision</p>	<p>End of year exam Suffragettes mini project in preparation for Year 9</p>
RS	Times of change(1)	Times of change(2)	Independent Project (Guided)	Independent Project (continued)	Completion of Independent Project	Gandhi
	<p>The timeline project. Creating own timeline; important events, identity and belonging</p>	<p>Rites of Passage (cont) Preparation for Christmas: Jesus – mad, bad or God?</p>	<p>Party with a Purpose – my transition into teenage years. Drawing on knowledge of rites</p>	<p>It has the following sections: Intro 35% Venue 10% Beliefs/Values 25% Invitation 10%</p>	<p>The project is submitted after first exeat of the summer term.</p>	<p>Biography and beliefs of Gandhi based on the award winning film.</p>

	<p>Cross-curricular link: Art, PHSE</p> <p>Rites of passage Birth, death, marriage, entry into teenage years in Judaism, Christianity, Islam and Humanism</p>	<p>C S Lewis' view.</p> <p>Cross-curricular link: English</p>	<p>of passage in other cultures and religions, students create their own 'transition into teenage years' project called 'Party with a Purpose.</p>	<p>Menu/Guest list/ Playlist 6% Cover/Presentation 4% Final 10% own time-line.</p> <p>Cross-curricular links: ICT, Art, English</p>	<p>Contemporary religion focus: What I believe and what is important to me.</p> <p>Cross-curricular links: ICT, Art, English</p>	<p>Completion of own time-line of independent project to be displayed in final art exhibition.</p> <p>Cross-curricular link: Art, PHSE</p>
French	<p>Holidays – futur proche School CE Oral Topics Personal Identity – revision/extension Train travel – role play</p>	<p>Journee typique Reflexives Mock Oral Revision all verb groups Perfect Tense</p>	<p>Individual Oral exams Reading/Writing exams Camping Professions Continued preparation of chosen Oral topics for CE</p>	<p>Revision linked to: Speaking & Listening skills Role plays for CE Reading & Writing skills</p>	<p>Key revision topics: Personal Identity Town Shopping Leisure/Holidays – future School</p>	<p>Personal Identity – revision/extension Train travel – role play</p>
Music	<p>Gendhing Prabu Mataram – Exploring Indonesian Gamelan (focus on performance) Across the year Whole Class singing in lessons Opportunity to participate in a wide range of large & small ensembles within a variety of concerts</p>	<p>Contd.</p> <p>Cross Curricular Link: Geography</p>	<p>The Blues – Exploring improvisation on 12-bar blues using class arrangements and small group compositions</p>	<p>Contd.</p> <p>Cross Curricular Link: History</p>	<p>Song Writing – Exploring composition through pupil devised lyrics, melody, harmony & structure.</p>	<p>Contd.</p> <p>Cross Curricular Link: English</p>
Art	<p>Gold</p>	<p>Georgia O'Keefe</p>	<p>British Artists</p>	<p>Lampshade</p>	<p>Portrait</p>	<p>Self directed Project</p>
DT	<p>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.</p>		<p>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.</p>		<p>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.</p>	
Latin	<p>Revision of 1st and 2nd declension nouns, present, imperfect, perfect and tenses. The causes of the Trojan War. Vocab from the CE list</p>	<p>Unusual stems of the perfect Prepositions. Personal pronouns, The Trojan War continued. Vocab from the CE list</p>	<p>Future tense in both forms, Question words and -ne, Imperatives and Infinitives Background topic from a range</p>	<p>Adverbs, clauses using quod, quamquam and ubi. Background topic from a range Vocab from the CE list</p>	<p>Revision of CE Level 1 and 2 syllabus. Translation technique and past papers for revision. Vocab from the CE list</p>	<p>After CE exams: an introduction to Greek art and architecture</p>

			Vocab from the CE list			
Computing	Google Sketchup - Plan and carry out a project using 3D design software	Computer programming using Python	HTML and website development	Control using Lego Robots	Binary and microbits	Alan Turing and the 'Enigma' code
PSHE	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
PE	Volleyball Dance Swimming – NTP: Water skills / stroke development	Volleyball Dance Swimming – NTP: Water skills / stroke development	Volleyball Dance Swimming – NTP: Water skills / stroke development	Volleyball Dance Swimming – NTP: Water skills / stroke development	Tennis Swimming – NTP: water skills/ stroke development	Tennis Swimming – NTP: water skills/ stroke development
Games	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