



CLAYESMORE

D O R S E T

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) Active & passive</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</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>

	voice Proofreading skills Punctuation Spelling scheme	Punctuation Spelling scheme	Proofreading skills Punctuation Spelling scheme	Spelling scheme		
Maths	<u>(Set 1)</u> <u>Number Work</u> Long Multiplication/ Division Factors/Multiples Prime Numbers Prime Factors HCF/LCM Negative Numbers Index Numbers Decimals 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</u> <u>Percentages</u> Rules of Conversion Percentage of an Amount	(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/Dividing 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 (Sets 2, 3 and 4) <u>Handling Data</u> Pie Charts Decimals Adding/Subtracting/ Multiplying & Dividing Metric System <u>Algebra –</u> <u>Expression &</u> <u>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’</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 (Sets 2, 3 and 4) <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 &</u> <u>Enlargement</u> Finding Ratio Ratio as a Fraction Solving Problems	(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 (Sets 2, 3 and 4) <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 Powers of 10 Standard Index	(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 (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>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>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><u>Form Equations and Inequations</u> Using Algebra to Solve Problems Equations with Fractions Inexact Answers Solving Inequalities</p>		
Science	<p>Photosynthesis Leaf structure Healthy plants Aerobic and anaerobic respiration</p>	<p>Distillation Fractional distillation Chromatography</p> <p>Energy forms</p>	<p>Speed Motion graphs Pressure in gasses Pressure in liquids Pressure on solids Moments</p>	<p>Adaptation and competition Adaption to change Variation</p>	<p>Field trip to compare and contrast habitats Revision exercises Revision using past papers</p>	<p>Year 8 on Post Common Entrance Activities</p>

	Chemical reactions Fuels Thermal decomposition Conservation of mass Mixtures Solutions Filtration	Energy transfer Temperature Conduction Radiation Convection Drugs Alcohol Smoking Maintaining healthy body	Turning effect Waves Sound Volume & pitch Echoes Light Reflection Refraction Colour	Continuous and discontinuous variation Diffusion		
Geography	CE Field study: 'What is the impact of tourism on Lulworth Cove?' Cross Curricular Link – Maths Data presentation ICT presentation Population: Birth rate, death rate, natural increase and migration. The future of world population and the reasons it grows. Settlement: identify site, situation and shape of settlements. Hierarchy of settlements: Case study Poundbury, Dorchester an environmentally sensitive urban development.		Tectonic processes: location of plates and relationship with volcanoes/earthquakes. Types of boundaries. Earthquakes. Types of volcanoes. Case studies - Japanese Tsunami 2011 Montserrat Cross Curricular Link- Science Convection/pressure/friction		Revision – all topics, case studies, global location and map work. CE practice papers	CE exams Independent research project
History	Background information - Medieval to Tudor The reign of Richard III Henry VII and Henry VIII Reformation wives and the Mary Rose.	Edward VI Lady Jane Grey Mary Tudor and the backlash against Protestants Elizabeth I - early life	Elizabeth and religion Mary Queen of Scots The Spanish Armada Exploration and the start of the Empire.	Slave Trade and Pirates Life in Tudor times - crime and punishment, Shakespeare Social class Fashion Fod leisure time	James I - his character Gunpowder plot Witchcraft Exam revision	Exams Suffragettes mini project in preparation for Year 9
RS	Times of change(1) The timeline project. Creating own timeline; important events, identity and belonging Cross-curricular link: Art, PHSE Rites of passage Birth, death, marriage, entry into teenage years in Judaism, Christianity, Islam and Humanism	Times of change(2) Rites of Passage (cont) Preparation for Christmas: Jesus – mad, bad or God? C S Lewis' view. Cross-curricular link: English	Independent Project (Guided) Party with a Purpose – my transition into teenage years. Drawing on knowledge of rites of passage in other cultures and religions, students create their own 'transition into teenage years' project called 'Party with a Purpose.	Independent Project (continued) It has the following sections: Intro 30% Venue 10% Beliefs/Values 25% Invitation 10% Menu/Guest list/ Playlist 15% Final 10% own creative work. Cross-curricular links: ICT, Art, English	Completion of Independent Project The project is submitted after first exeat of the summer term. Contemporary religion focus: What I believe and what is important to me. Cross-curricular links: ICT, Art, English	Gandhi Biography and beliefs of Gandhi based on the award winning film. Completion of creative 10% if independent project to be displayed in final art exhibition. Cross-curricular link: Art, PHSE
French	Holidays – futur proche School	Journee typique Reflexives Mock Oral	Individual Oral exams Reading/Writing	Revision linked to: Speaking & Listening skills	Key revision topics: Personal Identity Town	Personal Identity – revision/extension Train travel – role

	CE Oral Topics Personal Identity – revision/extension Train travel – role play	Revision all verb groups Perfect Tense	exams Camping Professions Continued preparation of chosen Oral topics for CE	Role plays for CE Reading & Writing skills	Shopping Leisure/Holidays – future School	play
Music	<i>Gendhing Prabu Mataram</i> – 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	Contd. Cross Curricular Link: Geography	<i>The Blues</i> – Exploring improvisation on 12-bar blues using class arrangements and small group compositions	Contd. Cross Curricular Link: History	<i>Song Writing</i> – Exploring composition through pupil devised lyrics, melody, harmony & structure.	Contd. Cross Curricular Link: English
Art	African Art	African Art	Georgia O’Keefe Marsden Hartley	Portrait or Still Life	Lampshade	Self directed Project
DT	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.	
Latin	Revision of 1 st and 2 nd declension nouns, present, imperfect, perfect and future tenses. 3 rd declension nouns. Quamquam and ubi clauses. The causes of the Trojan War.	Revision of tenses. 'hic', 'ille', 'is'. Personal pronouns, The Trojan War continued.	The pluperfect tense. 3 rd declension adjectives. Comparison of adjectives.	Irregular comparison of adjectives. Possum. Prohibitions. 'Num' and 'nonne' questions. Reflexive pronouns.	Revision of CE Level 1 and 2 syllabus. Translation technique and past papers for revision.	After CE exams: an introduction to Greek art and architecture
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	Microbits	Alan Turing and the 'Enigma' code
PSHE	Your & Other People: Friends and Friendship	You and Your Safety (First Aid)	Puberty: brain and body changes, behaviour	You and Your Values	Body Image: media stereotyping and distortion	Careers British Justice Self Awareness in the 21st Century

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	Athletics: Sprint / Middle Distance / HJ / LJ / Jav / Shot / Relay / Starts / Discuss / Pace skills / Hurdles Tennis – Boys only Cricket – Girls only	Athletics: Sprint / Middle Distance / HJ / LJ / Jav / Shot / Relay / Starts / Discuss / Pace skills / Hurdles Tennis – Boys only Cricket – Girls only
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: Athletics/ Rounders/ Tennis	Boys: Cricket/Athletics Girls: Athletics/ Rounders/ Tennis