

## Year 7 Curriculum Outline

	Autumn Term	Spring Term	Summer Term
Art	Drawing from nature: Observational drawing, printing, painting and digital manipulation.	Drawing from nature: Clay interpretations. Animals in both 2 and 3 Dimensions.	Animals project: large sculpture.
Biology	Cells, tissues and organs Reproduction in plants	Reproduction in animals Diet and Digestion	Breathing and Gas Exchange
Chemistry	Safety and How Science Works Acids and alkalis	Chemical reactions	Particles
Computer Science	Digital storing and filing on our network Using email Searching & copyright online Algorithms Flowcharts Introduction to functionality of Word and Excel - Image editing E Safety – Being safe online Introduction to Block Programming at code.org Touch typing	Introduction to computer hardware - What is inside a PC or Smartphone? Binary – converting binary to denary, adding and subtracting binary Pseudocode Iterations Input and Output E Safety – phishing and trolls Block Programming continued at code.org Touch typing	A brief history of computer science Binary – creating digital images Hexadecimal code ASCII code and colour representation. Impact of digital technology The BBC Microbit and Block Programming Touch typing
English	Fiction study 1: English Language skills Modern drama: Literature skills	Introduction to Shakespeare: research and analytical skills Fiction study 2: Literature skills	Language unit including descriptive and persuasive writing Study of text with 19th century context: Literature skills
Design	Product Design: Resistant materials. Lantern inspired by Mackintosh and Art Nouveau.	Product Design: Electronic Textiles. LED sewable circuits and use of sewing machine. Geometric animal imagery.	Graphics project: Illuminated lettering. Typography.



French	Introduction to all things French: culture, geography and history All the basics - personal description, my family, school world	More about France and French speaking countries: festivities and festivals Home and home life Holidays Free time	Speaking trials: presentations and debates. Independent research. About town
Geography	Introduction to Geography and Map work skills - including scale, distance and grid reference. Application of map work to the local area	Introduction to Global Issues including climate change, water issues and waste	Settlement, including undertaking Sherborne fieldwork and introduction to completing a geography enquiry
History	Anglo-Saxon England Sutton Hoo Burial Norman Conquest-Bayeux Tapestry	The medieval church-heaven and hell Thomas Becket and martyrdom	The Black Death The Peasants' Revolt Joan of Arc
Home Economics	Food Hygiene Weighing and Measuring Basic Nutrition and Healthy eating guidelines Properties of different foods Food preparation skills and techniques	Creation of meals for economic and family purposes Food preparation skills and techniques Understanding of special populations	Design and make project- Picnic Task
Latin	Nominative and Accusative Nouns & the Present Tense Life in Pompeii: the family, home and forum	The Imperfect and Perfect Tense Life in Pompeii: the theatre, slavery, death and burial customs	Plural Nouns and Verbs Life in Pompeii: Gladiators and the relevance of Latin today.
Maths	Place Value Addition and Subtraction Perimeter Proof Multiplication and Division Properties of Integers Units of Measurement Average Calculations	Area (squares rectangles) Angles (angle facts) Bearings Symmetry Classifying Quadrilaterals Area (parallelograms triangles) Fractions (adding, subtracting equivalence, mixed numbers)	Order of Operations Sequences Formulae (substitution and notation) Algebraic Manipulation (collecting terms, expanding brackets) Percentages Proportion Statistical Diagrams (scatter graphs and correlation)



Music	African Music Programme Music	Folk Music Gamelan	The Beatles Songwriting
Physics	Forces and their effects Working Scientifically	Energy Transfers Working Scientifically	Sound Working scientifically
Religious Studies	What is the Bible? Bible Skills Leweston House Saints Advent Jesus' teachings and Ministry: Infancy Narratives, Magnificat, Baptism	Jesus' Teachings and Ministry: Messiah Beatitudes, Kingdom of God Jesus' Teachings and Ministry: Discipleship Parables & Miracles Holy Week	Catholic Social Teaching and Kingdom Values Religious Art and Symbolism
Spanish	Introduction to all things Hispanic: culture, geography and history. All the basics - personal description, my family, school world	More about Spain and South America: festivities and festivals Home and home life Holidays Free time	Speaking trials: presentations and debates. Independent research. About town