

Spruce Syllabus Overview

Subject	Autumn Term	Spring Term	Summer Term
<b>Mathematics</b>	Properties of number, fractions + -x /, decimals x &/, percentages: profit & loss, centre of rotation, Algebra: collecting like terms, factorising, linear sequencing, equations	Algebra, mapping & naming lines, Averages; Angles (corresponding & co-interior) and bearings, Area of quadrilaterals, circles, ratio and proportional division	Representing Data Manipulating equations Solving problems
<b>English</b>	Respond to the text A Christmas Carol, To analyse and investigate use of hyphens Past participles and split infinitives, extend comprehension answers	Text: Jane Eyre y/ies verbs '-logy' words and synonyms prepositions, articles and punctuating direct speech in everyday writing. y adjectives becoming -ness nouns. -dom words and -hood words, over- and -under words. <b>symbolism</b> in poetry. Collect words ending with '-arian', compound and complex sentences, speaking and listening activities	Text Study: autobiography, onomatopoeia, metaphors, idioms, malapropisms, selection of independent writing activities, comprehension practice
<b>Biology</b>	Cells & organisation Nutrition	Respiration & gas exchange Reproduction in humans	The life of the plant
<b>Chemistry</b>	Particle theory Elements & compounds	Water, Pure substance or mixture	Separating mixtures
<b>Physics</b>	Energy changes & transfers Energy resources	Forces & linear motion, Friction & motion, More on forces	Density Vibration Waves & sound
<b>Geography</b>	Mapping and map skills Four and six figure grid references Relief and landscape Settlement and OS mapping	Coasts Types of wave and patterns within the UK Coastal features and processes Costal erosion and protection being put in place	Cold environments and Glaciers Ice formations and the landscapes they create Changes within the world to cold environments Influence of Global Warming
<b>History</b>	Henry VI, Henry VIII Elizabeth I	Life in the 16 <sup>th</sup> century.	Charles I, Charles II, James II William & Mary, George I, George II

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<b>RE</b>	Bible stories: The Creation, The Nature of Man and the fall, Cain and Abel, The near sacrifice of Isaac, The ten commandments, David and Bathsheba and Nathan's parable, David and Jonathan, Solomon's wisdom, Elijah's stories	The prophets of Baal The still small voice The prophet Amos The temptations of Jesus The sentence, crucifixion and burial The resurrection Miracles of healing	Sikhism: 5 K's, 10 gurus, Gurdwara, Holy book Hinduism: Main beliefs, Ramayana, Principle deities
<b>Spanish</b>	Consolidation of Personal Details, Greetings and Orthography. Grammar focus present and future tense.	<b>La Escuela:</b> telling the time, days, months, seasons and colours. Grammar: Subject pronouns, Pets, Singular and plural agreement. <b>Cultural focus:</b> La corrida, Bull fighting	<b>Cultural focus:</b> Project on Cultural Themes <b>De Compras- Clothes</b> Demonstrative adjectives, interrogative pronouns. <b>El Turismo</b> reflexive verbs and revision of future tense
<b>French</b>	Recap introducing yourself, greetings, numbers, time, verb tenses Cultural life: Media, sport, role models	Food & drinks: Recap food and drinks, School meals, Eating Habits, Eating out in a restaurant	Identity and culture: Customs and festivals Research project: Customs and festivals in France
<b>Art &amp; Tech</b>	Drawing skills, Green Man & John Piper inspired graphic & screen-print work	Gothic pattern & 3D mini folly design (a la Albert memorial), extension; pattern in jewellery design	Orthographic drawing & vehicle model building. Painting skills, still life Landscape and clothed figure.
<b>ICT</b>	Social media and safety GPS and how it is used Making music online Windows movie maker	Spreadsheets Picassa. Prezi Publisher.	Internet use Coding Excel – spreadsheets and databases
<b>Music</b>	Ukulele skills; song writing (Blues) Music theory: History of Music: Baroque, classical, romantic, modern Harvest Christmas	Theory and IT skills using technology to help with composition/song writing Ensemble work. Easter.	Theory and IT skills using technology to help with composition/song writing Summer performance.



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<b>PSHE</b>	Changing adolescent body Mental Well-being Respectful relationships, including friendship	Families Healthy Lifestyles (Physical health and fitness, healthy eating)	Citizenship
<b>General Knowledge</b>	The structure of the government Legends in Music	US presidents Classic Movies	Diverse society Fashions
<b>Sport &amp; Swimming</b>	Different invasion games and net/wall games Sport science	A variety of sports/invasion games Sport science	A variety of sports/invasion games Sport science