

# What's on in Year 7?

## Curriculum Overviews



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Maths</b>	Prime Numbers - Using the concepts and vocabulary of prime numbers, factors; multiples; highest common factor; lowest common multiple; prime factorisation and product notation.	Directed Number - Ordering and applying the four operations to negative integers and decimals. Rounding & Estimation - Estimating answers, checking calculations using approximation/estimation and rounding.	Fractions, Decimals and Percentages - Ordering and applying the four operations to fractions. Working interchangeably with fractions, decimals and percentages.	Ratio, Rate & Speed - Using ratio notation and applying ratio to real contexts and problems. Using compound units such as speed, rates of pay, unit pricing.	Properties of Shape - Applying the properties and definitions of 2D shapes including quadrilaterals. Unit Conversion - Using metric conversion factors to convert length, area, volume and capacity.	Perimeter, Volume & Area - Calculating the perimeter and area of a range of 2D shapes. Calculating the volume and surface area of a range of 3D shapes. Constructions Summer Project - Using the standard ruler and compass constructions.
<b>English</b>	Identity: Y7 Novel (Private Peaceful / Roof toppers) - around the theme of identity. Students to improve creative writing skills. Reading skills of analysing language and structure.	Identity: Autobiography - Autobiography from the perspective of an Arctic Explorer (link with Science). Poetry - Analyse poems and produce their own around the theme of identity.	Man or Monster: Out of this World - extracts from a range of science fiction (Frankenstein's monster / Doctor Who / War of the Worlds) and presentation asking if cloning is cruel or kind?	Man or Monster: Frankenstein - students to study Philip Pullman's adaptation of Mary Shelley's novel, focusing on reading skills. 19th Century Literature - Character identity (Magwitch / Bill Sykes). Write a description / narrative based around a character of their creation.	Utopia and Dystopian worlds: The Tempest - students to study Shakespeare's play, focusing on literature skills around the idea of utopia .	Dystopian Fiction - students to explore a range of extracts from modern novels, focusing on reading skills of language and structural analysis. Mission to Mars- cross-curricular project with Science; focus on formats of non-fiction writing (newspaper / leaflet / speech / letter).
<b>Science</b>	Arctic Expedition: Getting to the Arctic - Forces, Chemical Reactions and maintaining health. Skills focus on identifying variables and constructing methods.	Arctic Expedition: What's it like and survival - Energy, ecosystems and pollution. Skills focus on constructing graphs from data and interpreting results.	Healthcare: Cells and Organisms. Genes and Reproduction - Cells, immunity and organ systems. Skills focus on identifying variables and constructing methods.	Healthcare and Forensic Science: Medical equipment and investigating crime scenes. Waves, the senses and structure of matter. Skills focus on constructing graphs from data and interpreting results.	Healthcare and Forensic Science: Crime scene science - the senses and structure of matter. Skills focus on constructing graphs from data and interpreting results.	Mission to Mars: Survival - Content around space, forces, electricity and plant biology. Skills focus on constructing graphs from data and interpreting results.
<b>Geography</b>	Alien Invasion: OS map skills World knowledge and UK Geography.	Battle with the atmosphere: Flooding and extreme weather - Understanding Process.	Battle with the atmosphere: Water conflict - Understand viewpoints and evaluate.	A Crowded Planet: Population and migration - synthesise.	Sustainable Places: Sustainable cities teamwork and creativity.	Sustainable Places: Food and Industry compare and contrast.
<b>History</b>	Henry VIII & Elizabeth I: Introduction to History & History Key Skills, Significance - Shi Xianggu, why was Henry VIII Significant; What Challenges did Elizabeth I face; why was Elizabeth Significant? - Historical Significance and inference.	Industrial Revolution: Growth of Towns & Cities; Medicine & Public Health; Children; School & Work; Change to Birmingham; New Inventions - Change and continuity, Inference.	The Tollund Man: Sussing Sources, Intro - Body in the Bog; NOP; Reliability; Why did people come to Britain in c.11 <sup>th</sup> ; Causation: Inference, Usefulness, Source Follow-Up.	The Battle of Hastings: Who should be King; The Battle of Hastings; The Re-enactment; Causes of William's victory; Problems that William faced. Causation, Consequence, Inference.	The Black Death: What was the Black Death; Causes of the Black Death; Cures of the Black Death; Consequences of the Black Death; The Peasants Revolt. Narrative account, causation, consequence, Judgement.	Medieval England: Medieval Beliefs about Heaven/Hell, Power - The King & The Church; The Murder of Thomas Becket; The Jews in Medieval England; The Crusades. Usefulness, Inference, Difference, How & Why, Change.
<b>MFL</b>	The basics: Vocab focus: descriptions of people, my family and pets. Grammar focus: common irregular verbs, word order and agreements.	Day to day: Culture Vocabulary focus: daily routines, telling the time, body parts and illness Grammar focus: the present tense for regular and reflexive verbs.	Living: Vocabulary focus: talking about where you live- Grammar focus: key verbs relating to the topic, prepositions of place, agreements of plurals, possessives, introduction to the conditional tense.	School: Vocabulary focus: modes of transport, school subjects, opinions, describing teachers. Grammar focus: irregular verb- to go, adjectival agreements- masculine/feminine. Singular/plurals, impersonal verbs in Spanish, question formation.	Food: Vocabulary focus: food and opinions. Grammar focus: opinions, exclamations and preferences.	Free Time: Vocabulary focus: general free time activities, the weather. Grammar focus: review of the present tense and more work on the future tense.
<b>Art</b>	Aquatopia - Drawing and Painting skills.	Aquatopia - 2D and 3D media. 3D Media refinement and approaches.	Aquatopia - Artist analysis and design skills.	Aquatopia - 3D ceramics - Present 3D tile or pot.	Identity - Proportion and portraits.	Identity - Portraits; mixed media and collage
<b>Drama</b>	Devising - working as a team and being creative.	Pantomime - Use of comedy and voice.	Street Art Devising - Analysis and working together.	Silent Movie - Acting and using body position and facial expression.	Staging and design - Team work and creativity.	Shakespeare Snippets – presentation of plays in front of an audience.
<b>Music</b>	Rhythm and Pulse Note Durations: Performing Rhythms, Composing Rhythms - Pulse Piece.	Rhythm and Pulse: Completing Rhythms, Musical Elements - Solfege, Rests & Tempo	Musical Performance 'The Keyboard': Treble & Bass Clef - C Scale Walking Along (Grade 1)	Musical Performance and composition: Walking Along (Grade 1) Walking Along (Grade 1) Musical Expression - Dynamics & Tempo. Composing a melody.	Musical Composition: Composing a melody. Scale Degrees.	Musical Composition: Chords Recap
<b>CLASS</b>	Feelings and puberty: considering others and consideration.	Sexuality and gender: understanding feelings and discussion.	Multi-faith and Holy buildings - living in a wider world and learning about other world religions.	Smoking and Alcohol - learning about risks.	Mosques and 5 pillars - Analysis of the pillars and what they mean.	E safety and Social media - the wrongs and rights of social media and how to recognise the warning signs of online grooming.
<b>PE</b>	Teamwork, Organisation, Skills and Rules. Baseline challenges, either Rugby, Netball or Gymnastics.	Teamwork, Organisation, Skills and Rules. Either Badminton, Gymnastics, Hockey or Tag Rugby Inter-beach tournament Rugby & Netball.	Teamwork, Organisation, Skills and Rules. Either Dance, Football, Badminton, Gymnastics & Hockey.	Teamwork, Organisation, Skills and Rules. Either Dance, Football, Badminton, Gymnastics & Hockey Inter beach tournament 2 Football & Hockey.	Teamwork, Organisation, Skills and Rules. Either Athletics, Cricket, Tennis or Rounders. Sports day selections.	Teamwork, Organisation, Skills and Rules. Either Athletics, Cricket, Tennis or Rounders. Beach tournament 3 Cricket or athletics.
<b>DT</b>	Pencil Holder: Designing and evaluating designs.	Health and Safety of saws: Working in safety to create the pencil holder.	Health and Safety of drills and sanders: Using the sander to finalise the product.	Pencil Holder: construction and assembly.	Students follow the previous 4 sections on rotation with food.	Students follow the previous 4 sections on rotation with food
<b>Food</b>	Healthy breakfasts Theory: Safe working Practices/ Personal Hygiene. Nutrients and Their Functions Practical: Smoothie and breakfast bar: Tasting and Comparisons.	Healthy Breakfasts: Practical: Banana and Blueberry muffin. Practical: Showstopper.	Healthy Lunches Theory: Healthy Balanced Diets and Meal Plans. Practical: Stuffed Peppers and Falafel Burgers.	Healthy Lunches Practical: Tricolore Salad and Theory Practical: Pizza baguettes.	Healthy Dinners: Practical: Veggie Bolognese.	Healthy Dinners: Showstopper
<b>Computer Science</b>	World Wide Web: File Management, Social Networking, Keeping your data safe, using email.	World Wide Web: Using email and searching the web.	Programming: How programs work; Creating landscapes; Navigation and pathing; Clones and creatable.	Programming: Pages and selections; Game depth and complexity.	Digital Design: Creating and making a logo.	Digital Design Create a digital print.