

Class 10/Year 5 - Curriculum Information Autumn 2025

Subject	Curriculum Content - Class 10/Year 5
English	<p>Autumn 1 – Historical Texts and Classic Literature</p> <p>Treasure Island - Robert Louis Stevenson</p> <ul style="list-style-type: none"> - Narrative descriptions - Character descriptions - Writing in role diary entry - Developing planning and editing skills - Produce an extra chapter based on the adventure story <p>Autumn 2 - Historical Texts and Classic Literature</p> <p>Narrative Poetry - The Highwayman</p> <ul style="list-style-type: none"> - Group reading, drama, visual images and discussion of “The Highwayman” - Develop characterisation through drama and diary style writing - Develop planning, drafting and editing skills - Complete a ‘Lost Verse’ in the style of Alfred Noyes - Research Highwaymen - Developing reading comprehension techniques and progressing SPAG skills will be ongoing
Maths	<p>Place Value</p> <ul style="list-style-type: none"> - Reading and writing numbers to millions - Ordering large numbers and decimals (up to 3 decimal places) - Multiply and divide in powers of ten - Rounding (including to decimal places) <p>Number</p> <ul style="list-style-type: none"> - Factors and multiples (including common) - Prime numbers - Square and cube numbers - Use of greater than, less than and equals <p>Calculations</p> <ul style="list-style-type: none"> - Four operations with whole numbers (including two-digit multiplication and division) - Simple BIDMAS (Order of operations) <p>Negative numbers</p> <ul style="list-style-type: none"> - Addition and subtraction - Multiplication and division - Negative numbers in in context (worded and calculation form) <p>Number</p> <ul style="list-style-type: none"> - Sequences <p>Fractions</p> <ul style="list-style-type: none"> - Compare and order - Simplify - Convert between improper to mixed fractions - Four operations with vulgar fractions/whole numbers - Add and subtract mixed fractions

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Science	<p>Light</p> <ul style="list-style-type: none"> - Travels in straight lines - Parts of the eye - Light sources to eye - Shadows <p>Living things and their Habitat/Animals including Humans</p> <ul style="list-style-type: none"> - Different types of reproduction, including sexual and asexual reproduction in plants, and sexual reproduction in animals. - Similarities and differences in the life cycles of a mammal, an amphibian, an insect and a bird. - Changes as humans develop to old age. - The work of naturalists and animal behaviourists, for example, David Attenborough and Jane Goodall.
Art	<p>Portraits</p> <ul style="list-style-type: none"> - Exploring line, tone, form - Investigation of approaches to portraiture - Self-portrait exploring technique - Famous portraits - Family portraits - Abstract portraits

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Humanities History	<p>Why did Henry VIII marry six times?</p> <ul style="list-style-type: none"> - Research Henry VII and the Wars of the Roses. - What was Henry VIII like as a person? - What did Henry do all day? - Why did Henry divorce Catherine of Aragon? - Did marrying Anne Boleyn or Jane Seymour solve Henry's problems? - Why did the marriage to Ann of Cleves fail? - Why did Henry marry Catherine Howard and Catherine Parr? <p><i>Objectives:</i></p> <ul style="list-style-type: none"> - Use a variety of source material to discuss if Richard III really was a bad man and king - Consider the different ways in which Henry VII secured his kingdom - Use written and visual sources to find out what Henry VIII looked like and how he wished to be seen - Children to rank Henry's reasons for divorcing Catherine of Aragon in order of importance - Research the consequences of Henry's divorce - Reformation and dissolution of the monasteries - Discuss reasons for royal marriages
Humanities Geography	<p>Oceans</p> <ul style="list-style-type: none"> - Name and locate the world's oceans - Where does water come from? - The submarine landscape - What causes ocean currents? - What causes tides? - Exploration and discovery of the oceans - Modern oceanography - How do we benefit from the ocean? - How can we protect the ocean? <p><i>Objectives:</i></p> <ul style="list-style-type: none"> - Using an atlas and following written instructions to locate oceans and continents - Study the water cycle - Discuss children's own experiences of oceans/look at photographs/dvd - Role-play to reinforce understanding of processes e.g. <i>Convection/tides</i> - Research/make notes on early exploration and discovery of oceans - Discuss and research issues relating to endangered oceans
Engineering and Design	<p>Pneumatic Systems</p> <ul style="list-style-type: none"> - To demonstrate that air can be used to do work. - To show that levers can modify movement. - To design and create a working Pneumatic system(with syringes and tubes) that creates the desired movement effect for their specific design. - To measure and cut all components correctly and safely. - To use the correct tools in the manufacturing of the design. - To use design equipment safely and effectively individually and in groups. - To measure accurately. - To continue working in a safe environment.

Music	<p>Autumn 1 <i>Classroom Jazz 1</i></p> <ul style="list-style-type: none"> - To use tuned percussion to read and play stave notation. - Look at note names on a stave - Use selected notes to improvise a tune - Follow a given set of notes accurately - Identify and play the correct duration of notes - Experiment with melodic lines and establish an effective one. <p>Autumn 2</p> <ul style="list-style-type: none"> - To plan, prepare and rehearse for a performance. - Use intonation, expression and dynamics effectively when singing. - Use actions and body movement to enhance a song. - Use musical cues to remember the lyrics of a song. - Use musical techniques such as harmony and canon in a song. - Use clear intonation in a voice when delivering lyrics
CTS	<p>Autumn 1 <i>Computer Systems and Networks: Systems and Searching</i></p> <ul style="list-style-type: none"> - To explain that computers can be connected together to form systems - To recognise the role of computer systems in our lives - To experiment with search engines - To describe how search engines select results - To explain how search results are ranked - To recognise why the order of results is important, and to whom <p>Autumn 2 <i>Creating Media: Video Production</i></p> <ul style="list-style-type: none"> - To explain what makes a video effective - To identify digital devices that can record video - To capture video using a range of techniques - To create a storyboard - To identify that video can be improved through reshooting and editing - To consider the impact of the choices made when making and sharing a video -
PE & Games	<p>Autumn 1 PE – Gymnastics</p> <ul style="list-style-type: none"> - Perform & create routines - Group work - Supported balances - Introduction of spring boards - Incorporating table tops & balance beam into sequences - Mirroring - Cannon <p>Autumn 2 PE Autumn - Health Related Fitness</p> <ul style="list-style-type: none"> - Evaluating fitness - Peer assessment - Knowledge and understanding of various types of training - Understanding the difference between endurance & power - Introduction to the muscular system

RE	Life's Big Questions - Ultimate Questions <ul style="list-style-type: none"> - To understand the term 'ultimate question' and consider its importance for everybody, regardless of faith. - To consider the question 'Is there a God?' - Communication: To consider the question: 'How can someone communicate with God?' - Stewardship: To consider the question: 'How did the world come to be?' - Rules for Life: To explore the question 'How should I live my life?' by looking at the beliefs and ideas of different religions and worldviews. - To consider personal answers to life's big questions.
Trips and/or Visitors Special Events	Harvest Festival - Food Bank Collection Bedford Girls and Bedford Boys Taster morning Sports Tour Christmas Decorations Day Christmas Performances

MILTON KEYNES PREPARATORY SCHOOL



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