

Class 9/Year 4 - Curriculum Information Summer 2022

Subject	Curriculum Content - Class 9/Year 4
<p>English</p>	<p>Stories set in an Imaginary World Vikings - How to Train your Dragon by Cressida Cowell.</p> <ul style="list-style-type: none"> - Group reading, drama and discussion - Use visual images to support understanding, imagination and interpretation - Develop planning, drafting and editing skills - Develop story structure and characterisation - Write settings and character descriptions - Create their own story <p>Opportunities to consolidate SPaG knowledge through lessons and homework Comprehension through weekly homework Opportunities to practise speaking and listening skills through presentations in front of the class Developing writing for an extended period of time through Big Writes.</p>
<p>Maths</p>	<p>Data Handling</p> <ul style="list-style-type: none"> - Various graphs, including, Tally, bar, line, venn, pictogram and carroll diagrams - Creating surveys - Data problems <p>Shape</p> <ul style="list-style-type: none"> - Names and properties of 2d shapes (including triangles) - Symmetry in 2d shapes - Name and properties of 3d shapes - Drawing, measuring and classifying angles - Finding missing angles in various shapes - Perimeter and area of basic 2d shapes <p>Co-ordinates</p> <ul style="list-style-type: none"> - Reading and plotting in up to 4 quadrants - Plotting points to complete a shape <p>Transformations</p> <ul style="list-style-type: none"> - Describing movements on a coordinates grid (reflection/transformation) <p>Number</p> <ul style="list-style-type: none"> - Budgeting investigation <p>Continued word problems and problem solving Mental arithmetic practice weekly</p>
<p>Science</p>	<p><u>Changing Materials</u></p> <ul style="list-style-type: none"> - Solids, liquids, gases – particle model of the 3 states of matter and their properties - Evaporation/condensation/melting/freezing - Water cycle - Burning - Reversible/non-reversible reactions <p><u>Forces</u></p> <ul style="list-style-type: none"> - What is a force? - Measuring forces - Gravity - Air resistance, water resistance, friction that act between moving surfaces - Recognise that some mechanisms, including levers, pulleys and gears

Art	HUNDERTWASSER <ul style="list-style-type: none"> - Exploring pattern, colour - Use of simple shapes, line and colour to form pattern - Investigation into architecture, environmental and graphic art. - Production of a graphic artwork based on the work of Hundertwasser
Humanities	History <u>The Vikings</u> <ul style="list-style-type: none"> - Why did the Vikings come to raid and stay? - Why were monasteries good places to raid? - Find out about Viking longboats. - Historical interpretation: considering the evidence. - What evidence is there that the Vikings settled in Britain? Geography <u>Weather</u> <ul style="list-style-type: none"> - Understand what weather is and how it affects our lives. - Consider the difference between weather and climate. - Understand the cycle of seasons. - Introduce different world climates. - Cloud types and physical processes. - Extreme weather.
French	School <ul style="list-style-type: none"> - Places in school and school objects - Opinions about school subjects Food <ul style="list-style-type: none"> - Follow a story - Say what food they like and dislike - Colour and size - Ask for something politely
D&T	Wind Measuring <ul style="list-style-type: none"> - To make an instrument that will display how hard the wind is blowing against a scale (Links with Humanities: weather)
Music	Summer Term 1 - Soul/Gospel Unit (Lean on Me) <ul style="list-style-type: none"> - The children will focus on the genre of Soul/Gospel and will be working around the song of 'Lean on me.' They will be exposed to artists such as Beyonce, Mary Mary, Elvis Presley and a Gospel Choir. The children will be using a variety of tuned percussion to read notation, improvise and compose using skills learnt throughout the unit. Summer Term 2 - Music Technology <ul style="list-style-type: none"> - This unit of work continues the work completed in the Spring term on music technology using Garageband on I pads. The children will explore the various functions and tools involved in early musical recording and will create a 4 track song using a mix of live instruments, loops and SMART instruments.
CTS	Summer Term 1 <ul style="list-style-type: none"> - Programming repetition in games. This unit explores the concept of repetition in programming using the Scratch environment. Learners look at the difference between count-controlled and infinite loops, and use their knowledge to modify existing animations and games using repetition. Their final project is to design

	<p>and create a game which uses repetition, applying stages of programming design throughout.</p> <p>Summer Term 2</p> <ul style="list-style-type: none"> - Using and presenting information purposefully - In this unit the children will develop their understanding of how digital images can be changed and edited, and how they can then be resaved and reused. They will consider the impact that editing images can have and evaluate the effectiveness of their choices
PE & Games	<p>PE – Term 1: <i>Athletics Field Events</i></p> <ul style="list-style-type: none"> - In jumping events, the children will extend their run-up and will be encouraged to think about their technique at take-off. In throwing events they will extend the length of their run-up and be encouraged to think about the last stride in the run-up. <p>PE - Term 2: <i>Athletics Track Events</i></p> <ul style="list-style-type: none"> - The focus will be on sprint techniques and pacing. The children will be introduced to the idea of training for a specific purpose, <i>for example: carrying out sprinting activities to increase leg speed and muscle reaction time.</i> They will also be encouraged to take more responsibility for designing, organising and judging athletic events. <p>Games – Girls: <i>Cricket</i></p> <ul style="list-style-type: none"> - The children will demonstrate some level of knowledge and understanding of the game of Cricket in respect to skills and rules. They will focus on the accuracy of their throwing, catching and batting techniques. The children will use some of these skills in game situations. <p>Games – Boys: <i>Cricket</i></p> <ul style="list-style-type: none"> - The children will demonstrate an increased level of knowledge and understanding of the game of Cricket in respect to skills and rules. They will focus on the accuracy of their throwing, catching and batting techniques. The children will use some of these skills in game situations.
PSHE	<p>Summer Term 1</p> <p>Relationships – Growing Up</p> <ul style="list-style-type: none"> - This unit is designed to build on what the children have already learnt about feelings, both positive and negative and how our attitude towards life can affect our mental health. The lessons centre around themes such as thinking positively and calmly, managing difficult emotions, taking responsibility for decisions and developing a growth mindset approach to learning. <p>Summer Term 2</p> <p>Relationships – Growing up</p> <ul style="list-style-type: none"> - The children will extend their knowledge of the human body; how we grow and change, both physically and emotionally. The children will also learn about different relationships and family structures.
Trips and/or Visitors Special Events	<p>Class 8 and 9 Residential - Weymouth: 3rd - 6th May</p> <p>Prep Musicians - Visit to Devon Lodge: 12th May</p> <p>Junior Prep Disco - FOMKPS: 20th May</p> <p>Samba Percussion Workshop: 17th June</p> <p>MKPS Speech Day: 25th June</p>

MILTON KEYNES PREPARATORY SCHOOL



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