

Class 10/Year 5 - Curriculum Information Summer 2022

Subject	Curriculum Content - Class 10/Year 5
<p>English</p>	<p>Wonder - R.J Palacio</p> <ul style="list-style-type: none"> - Developing an understanding of characters - Non fiction reports: their features and how to write them - Persuasive speech writing - Diary writing and writing from a different perspective - Building opinion through evidence in the text <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>Time</p> <ul style="list-style-type: none"> - Reading clocks and 12/24 hour clock conversion recap - Time problems, including timetables - Finding start/end times and durations - Mileage charts <p>Data Handling</p> <ul style="list-style-type: none"> - Reading pictograms, bar graphs, line graphs, venn diagrams and simple pie charts - Working with the 3 averages and the range <p>Shape</p> <ul style="list-style-type: none"> - 2d/3d shape properties and names, missing angles in 4 basic shapes (circle, straight line, triangle and quadrilateral) - Area and perimeter of rectangles, squares, triangles/parallelograms (area only), moving to compound shapes with missing sides - Basic volume and surface area <p>Co-ordinates</p> <ul style="list-style-type: none"> - Plotting in 4 quadrants, missing points, plotting shapes, mid points of shapes/lines <p>Transformations</p> <ul style="list-style-type: none"> - Reflections and translations <p>Simple Algebra</p> <ul style="list-style-type: none"> - Forming and simplifying expressions - Solve with unknowns on 1 and 2 sides - Substitution <p>Ratio and proportion</p> <ul style="list-style-type: none"> - Sharing unequally and simplifying ratios - Scaling recipes
<p>Science</p>	<p>Electricity</p> <ul style="list-style-type: none"> - Electrical safety - Static and Current electricity - Mains and Battery - Simple circuits: series, parallel - Construct circuits-buzzers, motors, switches - Make bulbs brighter/dimmer - Circuit diagrams <p>Inheritance and Evolution</p> <ul style="list-style-type: none"> - Inheritance exploring inherited characteristics - Variation – exploring how off-spring can vary from their parent - Habitats – What is a habitat? - Types of habitat - Adaptations

	<ul style="list-style-type: none"> - Penguins – Investigating how penguins are adapted to living in extreme cold. <ul style="list-style-type: none"> ● Watch March of the Penguins DVD ● EXPERIMENT: Does huddling keep penguins warm? ● EXPERIMENT: Investigate the heat insulation properties of feathers? - Fossils - Adaptations and inheritance - Evolution of living things - Darwin and Evolution
Art	<p>POP ART</p> <ul style="list-style-type: none"> - Explore the artist themes used by the Pop Artists - Investigation and paint techniques , colour and pattern used. - Explore the artworks of Andy Warhol, Roy Lichtenstein and Bridget Reilly in a series of artworks based around the themes of their work.
Humanities	<p>History <u>Tudor exploration and discovery</u></p> <ul style="list-style-type: none"> - Consider the attitudes and beliefs of the Tudors in relation to the known world. - Reasons for European exploration in the fifteenth century. - The life and times of Elizabeth I. - Background to and story of the Spanish Armada of 1588. - Symbolism in portraits. <p>Geography <u>Coasts</u></p> <ul style="list-style-type: none"> - What makes a coast? - Headlands and bays - How do coasts erode? - Caves, arches and stacks. - Estuaries, lochs and fjords.
French	<p>Holiday and hobbies</p> <ul style="list-style-type: none"> - Seasons - Holidays - Sports - Hobbies
D&T	<p>Electrical Systems</p> <ul style="list-style-type: none"> - To make a torch for a specific purpose and design a suitable switch (Reinforcing Science Electricity topic)
Music	<p>Summer Term 1 - Motown Unit (Dancing in the street)</p> <ul style="list-style-type: none"> - The children will focus on the genre of Motown and will be working around the song of 'Dancing in the street.' They will be exposed to artists such as Stevie Wonder, The Four Tops, Marvin Gaye and Smokey Robinson. The children will be using a variety of tuned percussion to read notation, improvise and compose using skills learnt throughout the unit. <p>Summer Term 2 - Music Technology</p> <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 consolidate and extend technological knowledge of Garageband and use advanced features to form a live Ipad band.
CTS	<p>Summer Term 1 -</p> <ul style="list-style-type: none"> - Understanding and using data - This unit looks at how a flat-file database can be used to organise data in records. Pupils use tools within a database to order and answer questions about data. They create graphs and charts from their data to help solve

	<p>problems. They use a real-life database to answer a question, and present their work to others.</p> <p>Summer Term 2 -</p> <ul style="list-style-type: none"> - Vector drawing. Children start to create vector drawings. They learn how to use different drawing tools to help them create images. Learners recognise that images in vector drawings are created using shapes and lines, and each individual element in the drawing is called an object. Learners layer their objects and begin grouping and duplicating them to support the creation of more complex pieces of work.
<p>PE & Games</p>	<p>PE – Term 1: <i>Athletics Field Events</i></p> <ul style="list-style-type: none"> - In throwing events the children throw heavier, larger implements (modified equipment will still be used with most of the children). In jumping events, children explore how their run-up affects jumping for height and length. All children will use their prior knowledge and build upon objectives previously learnt in Year 3 and 4. <p>PE - Term 2: <i>Athletics Track Events</i></p> <ul style="list-style-type: none"> - The children will focus on developing their technical understanding of athletic activity. In running events, they will run further in both sprints and distance runs. Hurdles and sprint start techniques will be developed.. <p>Games – Girls: <i>Cricket</i></p> <ul style="list-style-type: none"> - Using a soft ball, the children will continue to build on their knowledge and understanding of the game of Cricket in respect to skills, game awareness and rules. They will be able to apply most of the key skills taught to game situations and show game play awareness within both drill based situations and game play. - An introduction to using a hard ball. <p>Games – Boys: <i>Cricket</i></p> <ul style="list-style-type: none"> - Using a hard ball, the children will demonstrate a high level of knowledge and understanding of the game of Cricket in respect to skills, game awareness and rules. They will be able to apply most of the key skills taught to game situations and show game play awareness within both drill based situations and game play.
<p>PSHE</p>	<p>Summer Term 1</p> <p>Health and Wellbeing – <i>It’s my body.</i></p> <ul style="list-style-type: none"> - The children will learn about how to take care of their bodies. This will also involve learning body image and stereotypes and learning about substances which are harmful to our bodies. The children will also learn about the importance of sleep and keeping clean, especially as their bodies change. The lessons will explore the things that influence the way people think about their bodies, where different pressures can come from and how these pressures can be resisted. Throughout the term, the children will be encouraged to consider the choices they have and learn about the support that is available to them. <p>Summer Term 2</p> <p>Living in a Wider World – <i>Britain</i></p> <ul style="list-style-type: none"> - This unit is inspired by the idea that Britain represents a wide range of faiths and ethnicities and that the structures within it are there to support all. It aims to enable the children to identify how they can make a positive contribution to the community. The children learn about the law and the consequences of not respecting it. They will also learn about the workings of local and national government and the role of charities and voluntary groups in British society.
<p>Trips and/or Visitors Special Events</p>	<p>Junior Maths Challenge: 27th and 28th April Prep Musicians Visit to Devon Lodge: 12th May Lords Cricket Ground visit - Cricket Squad: 13th May Samba Percussion Workshop: 17th June MKPS Speech Day: 25th June</p>

MILTON KEYNES PREPARATORY SCHOOL



**CLASS 10
CURRICULUM BOOKLET**