



Subject	Curriculum Content
<p>English</p>	<p>'Wonder' - RJ Palacio</p> <ul style="list-style-type: none"> - Group reading - Speech writing - Comprehension skills - Research and note taking - Character analysis - Drama and hot seating
<p>Maths</p>	<p>Multiplying and dividing decimals</p> <p>Simple sequences</p> <p>Fractions</p> <ul style="list-style-type: none"> -Compare and order fractions whose denominators are not the same, by finding lowest common multiples (denominators) -Four operations of vulgar fractions, with a fully simplified result -Convert between improper fractions and mixed numbers -Add and subtract mixed numbers <p>Conversion between fractions, decimals, percentages</p> <p>Finding percentage and fractions of amounts, applying these to different problems</p> <p>Data Handling</p> <ul style="list-style-type: none"> -Reading pictograms, bar graphs, line graphs, venn diagrams and simple pie charts -Creating accurate bar graphs and read venn diagrams with 2 or 3 circles -Working with the 3 averages and the range <p>Metric conversions (weight, length and capacity)</p> <p>Time</p> <ul style="list-style-type: none"> -Reading clocks, converting between 12/24 hour clocks -Using the 'flow' method to find durations/start and finish times from given information -Reading timetables and an introduction to distance charts <p>Shape (if time before Easter, if not, completed after Easter)</p> <ul style="list-style-type: none"> -Area and perimeter of rectangles, squares, triangles/parallelograms (area only), moving to compound shapes with missing sides -Basic volume and surface area



<p>Science</p>	<p>Micro organisms</p> <ul style="list-style-type: none"> - To know that some microorganisms cause diseases. - To know that some microorganisms are useful. - Basic hygiene rules to prevent the spread of harmful microbes. - To investigate the best conditions for growing bread mould. - To know that mould on food is a type of fungus. - To know that yeast and mushrooms are types of fungi. - The importance of microbes in the manufacture of food. - To know that yeast is a useful organism. - To learn about the life and work of Edward Jenner <p>Electricity</p> <ul style="list-style-type: none"> - To use simple equipment and materials appropriately and take action to control risks. - To make systematic use observations and measurements, including the use of ICT for data logging. - To construct circuits, incorporating a battery or power supply and a range of switches, to make electrical devices work [for example, buzzers, motors]. - How changing the number or type of components [for example, batteries, bulbs, wires] in a series circuit can make bulbs brighter or dimmer. - How to represent series circuits by drawings and conventional symbols, and how to construct series circuits on the basis of drawings and diagrams using conventional symbols. - How to design and construct series and parallel circuits. - How electromagnets are constructed and used in devices.
<p>Art</p>	<p>Pop Art</p> <ul style="list-style-type: none"> - Exploring line, shape, pattern, colour - Investigation of the Pop art movement and study of a selection of artists , paintings and sculpture within the movement to create a range of graphic work on this theme
<p>Humanities</p>	<p>History</p> <p><u>The Tudors, Everyday Life</u></p> <ul style="list-style-type: none"> - Study Tudor inventories, looking at the original documents and transcripts. - Learn about Tudor housing, health and hygiene. - Picture reading: Tudor food and celebrations - Learn the differences in the food eaten by rich and poor Tudors. Find out about Tudor etiquette. - Understand life at the court of Henry VIII and how he entertained to impress visitors. - Learn about Tudor occupations and education. <p>Geography</p> <p><u>Kenya: A Developing Country</u></p> <ul style="list-style-type: none"> - Consider the physical and human geography of Kenya. - Compare UK & Kenya climate. - Tourism: popular tourist activities and their impact (footprints) on Kenya. - Wildlife and habitat conservation in Kenya. - Consider inequality and how it impacts on lives re- water, food, education & opportunity. - Why people in Kenya move from the countryside to live in towns. Life in a shanty town.



<p>French</p>	<p>Going shopping Fruit, vegetables and clothes Key phrases to use in a shop Performing a role play</p> <p>What's the time O'clock and half past Quarter past/to Describe a typical day</p>
<p>D&T</p>	<p>Electrical Systems To make a torch for a specific purpose and design a suitable switch (Reinforcing Science Electricity topic)</p>
<p>Music</p>	<p>Spring Term 1 - Pop Ballad Unit Children will be exploring the genre of popular music mixed with the emotions of a ballad. They will be basing their work around the song 'Make You Feel My Love' (Adele version) as well as many other artists' influences in this genre. Children will be using orchestral based classroom instruments to create an ensemble in groups and eventually the whole class.</p> <p>Spring Term 2 - Hip Hop Unit The children will be introduced to the fast paced action of old school Hip Hop using the popular song 'Fresh Prince of Bel-air' by Will Smith alongside many other similar artists. Children will be engaging with a variety of songs to work on rhythm, lyrical structure and repeated melodies within a song. They will be using tuned and untuned percussion to work alongside this genre.</p>
<p>CTS</p>	<p>Spring Term 1 - Children will be using the internet. They will learn how to use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies. Senior prep children will also use search technologies effectively and appreciate how results are selected and ranked, and be discerning in evaluating digital content. Understand the internet infrastructure by understanding what a Computer Network is.</p> <p>Spring Term 2 - Programming - Introduction to Python Turtle - understanding algorithms. understanding that devices respond to commands. Understand how a computer processes instructions and commands (computational thinking)</p>



<p>PE & Games</p>	<p>PE – 1st half term: Basketball - Refine passing and catching skills. Dribbling control with alternate hands. Man to man marking. Static shooting and introducing lay ups. Game play with an increased number of rules. PE 2nd half term: Badminton - Forehand and backhand grips. Basic service, forehand overhead clear, smash, singles and doubles game play. Scoring and basic rules of match play. Games – Girls: Netball - Passing, catching, footwork, goal shooting, offensive and defensive strategies and positional play. Games – Boys: Football - Areas of control, lofting the ball, formations of play. Decision making in small sided games and full match play.</p>
<p>Events</p>	<p>Science Week: 7th - 11th March 2021</p>

MILTON KEYNES PREPARATORY SCHOOL



**CLASS 10
CURRICULUM BOOKLET**