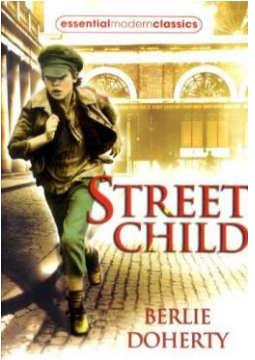





Curriculum Information - Year 6 - Spring Term

<p>Class Texts</p> <p>English</p> <p>Reading and Writing</p>	<p>Street Child:</p> <p>Revisited genres: Letter writing, narrative recount writing, diary recount writing.</p> <p>New genres: biography and journalistic writing with persuasion.</p> <p>Key objectives:</p> <ul style="list-style-type: none"> ● drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence ● predicting what might happen from details stated and implied ● identifying main ideas drawn from more than 1 paragraph and summarising these ● identifying how language, structure, and presentation contribute to meaning 	 <p>essential modern classics</p> <p>STREET CHILD</p> <p>BERLIE DOHERTY</p> <p>"A brilliant and moving book." Julia Golding</p>
<p>RE</p>	<p>Christmas:</p> <p>Children will deepen their understanding of Christmas and look in more depth at King Herod's role in the Christmas story.</p> <p>Baptism and Confirmation:</p> <p>Children will study the signs and symbols of Baptism and Confirmation, comparing accounts of the Baptism of Jesus and making links between the two sacraments.</p> <p>Lent:</p> <p>Children will deepen their understanding of Lent as a time of prayer, fasting and almsgiving. They will also discuss why these were important features of the teaching of Jesus and learn about some ways Catholics try to live out these values today. We will learn about some key parables such as the Rich Man and Lazarus and the Parable of the sheep and goats. Children will also discuss the beatitudes and the story of Abraham speaking to God about Sodom and Gomorrah.</p> <p>Holy Week:</p> <p>Children will learn the story of Jesus' prayer to the Father in Gethsemane and imagine Jesus' thoughts and feelings at this time. Children will also deepen their understanding of the betrayal of Jesus and understand the reasons why Peter denied he was a follower of Jesus. We will also focus on the crucifixion of Jesus</p>	  

and the sacrifice he made as well as identifying the signs and symbols that could be used to retell the passion of Christ.



Holy Week

Maths

Decimals:

- Calculate decimal and fraction equivalents e.g. 0.375 and $\frac{3}{8}$.
- Identify the value of each digit in numbers given to three decimal places.
- Multiply and divide numbers by 10, 100 and 1000 giving answers up to two decimal places.
- Multiply one digit numbers with up to two decimal places by whole numbers.
- Use written division methods in cases where the answer has up to two decimal places.
- Solve problems involving rounding.

Percentages:

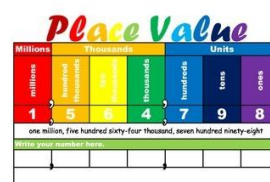
- Compare and order fractions including fractions >1
- Multiply simple pairs of proper fractions, writing the answer in its simplest form.
- Multiply one digit numbers with up to two decimal places by whole numbers.
- Recall and use equivalences between simple fractions, decimals and percentages.
- Solve problems involving the calculation of percentages. E.g. 15% of 360 and use percentages for comparison.

Algebra:

- Use simple formulae
- Generate and describe linear number sequences.
- Express missing number problems algebraically.
- Find pairs of numbers that satisfy an equation with two unknowns.
- Enumerate possibilities of combinations of two variables.

Measure- imperial and metric measures

- Solve problems involving the calculation and conversion of units of measure, using decimal notation to three decimal places where appropriate.
- Use, read, write and convert between standard units, converting measurements of length, mass, volume and



time from smaller units of measure to larger units and vice versa, using decimal notation up to 3 d.p.

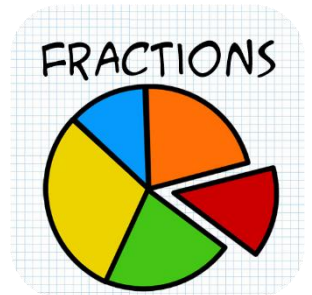
- Convert between miles and km.

Measure- perimeter, area and volume:

- To recognise that shapes with the same areas can have different perimeters and vice versa.
- Recognise when it is possible to use formulae for area and volume of shapes.
- Calculate the area of parallelograms and triangles.
- Calculate, estimate and compare volume of cubes and cuboids using standard units, including cubic centimetres and cubic metres.

Ratio and proportion:

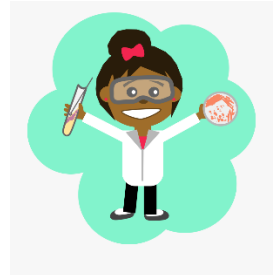
- Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.
- Solve problems involving similar shapes where the scale factor is known or can be found.
- Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples.



Science

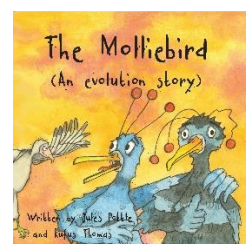
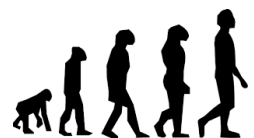
Working Scientifically:

- Children will plan and carry out a range of scientific enquiries to develop their working scientifically skills.
- Children will learn how to make scientific predictions, plan and record scientific enquiries and how to write conclusions.

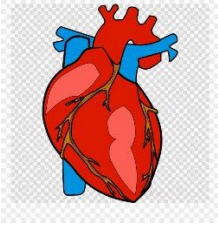






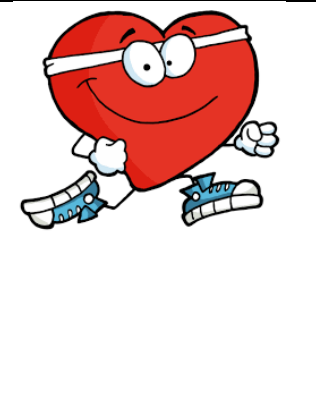
Evolution and Inheritance:


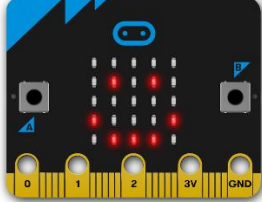
- Children will learn about variation and inheritance and discuss how animals and plants are adapted to their environment.
- We will also consider the ways that adaptation may lead to evolution through our study of The Molliebird by Jules Pottle.
- Through studying the work of Charles Darwin, children will recognise that living things have changed over time and that fossils can provide information about living things that inhabited the Earth millions of years ago.



Animals Including Humans:

	<ul style="list-style-type: none"> • Children will identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood • We will discuss the impact of diet, exercise, drugs and lifestyle on the way their bodies function and describe the ways in which nutrients and water are transported within animals, including humans. 	
<p>History</p>	<p><u>Victorians.</u></p> <ul style="list-style-type: none"> • Children will learn who Queen Victoria was and about some of the key events and inventions during her lifetime. • Children will learn about the changes in industry during the Victorian era that brought people from rural areas into cities during the Industrial Revolution. • Alongside our study of the novel <i>Street Child</i> by Berlie Doherty in literacy, children will learn about the dirty, crowded conditions many people, including children, had to work in during this time. • We will also study what was important to Victorians- their culture, religious beliefs and ideas. We will focus on the lives of children and how different children's lives could be between rich and poor families. 	
<p>Geography</p>	<p><u>Earthquakes and Volcanoes:</u></p> <ul style="list-style-type: none"> • Through our study of Earthquakes and Volcanoes children will consolidate their knowledge of map symbols, keys, the compass rose and 4-6 figure grid references. • Throughout the unit they will use maps and atlases to locate countries and describe features studied. • They will also describe and understand key aspects of physical geography and human geography of the areas in which earthquakes and volcanoes are present. • Children will learn how locations around the world are changing and explain some of the reasons for change by studying the causes of earthquakes and volcanic eruptions. • We will also collect and analyse statistics and other information in order to draw clear conclusions about the areas in which earthquakes and volcanoes occur. 	

<p>Music</p>	<p>Music will be taken by Mr B again this year Topics of study for Spring 1 and 2 include:</p> <ul style="list-style-type: none"> • Benjamin Britten- A New Year Carol • Music and identity 	
<p>Computing</p>	<p>Blogging:</p> <ul style="list-style-type: none"> • Children will identify the purpose of writing a blog and the successful features of blog writing. • They will plan the theme and content for a blog and learn how to write an effective blog. • Children will learn how to contribute to an existing blog and how to stay safe online when using blogs. <p>Text Adventures:</p> <ul style="list-style-type: none"> • Children will find out what a text adventure is in this unit and plan and make their own story-based adventures. • Children will also discover what a map-based text adventure is and code map-based text adventures. <p>Networks:</p> <ul style="list-style-type: none"> • Children will learn about computer networks and what LAN and WAN are. • They will consider how technology has changed over time and learn about the history of the internet and the www. They will also learn about significant people in the development of the internet as we know it today. <p>Quizzing:</p> <ul style="list-style-type: none"> • Pupils will plan, design and create various quizzes using a variety of software- 2DIY, 2Quiz and 2Investigate. Throughout the unit, pupils consider their audience, their ability and interests and make decisions based upon this. • Pupils will choose appropriate software for the questions that they want to ask. 	
<p>PE</p>	<p>Dance:</p> <ul style="list-style-type: none"> • Children will compose creative & imaginative dance sequences with a clear stimulus, performing expressively and precisely. <p>Gymnastics</p> <ul style="list-style-type: none"> • Children will use knowledge of the body & exercise to improve various fitness components, they will create complex & well executed sequences containing a variety of gymnastic components. 	

<p>Art</p>	<p><u>Artist: Katsushika Hokusai</u></p> <ul style="list-style-type: none"> • Through the study of artist Katsushika Hokusai, children will learn how to overprint to create different patterns and learn how to create an accurate print design following a given criteria. • Children will show understanding of what Katsushika Hokusai was trying to achieve with his artwork. • Children will learn how to use feedback to make adjustments and improvements to their art. 	
<p>Design and Technology</p>	<p><u>Construction:</u></p> <ul style="list-style-type: none"> • Children will use their knowledge and understanding of coding to help them design a set of fairy lights with an Easter theme and create innovative designs that improve upon existing products. • Children will use micro bits to code their products. • Children will develop their cutting, measuring and shaping, joining and refinement techniques as they design and make their fairy lights with a high quality of finish ready to be programmed. • Children will design their fairy lights with the user in mind as they evaluate the design of products so as to suggest improvements to the user experience. 	
<p>PSHE</p>	<p><u>Ten:Ten</u></p> <ul style="list-style-type: none"> • Through the RSE 10:10 scheme, children will learn about some of the changes that take place during puberty and emotional changes they will experience. <p><u>PSHE</u> Children will also learn how to stay safe online during safer internet day.</p>	