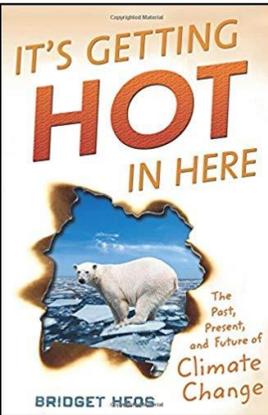
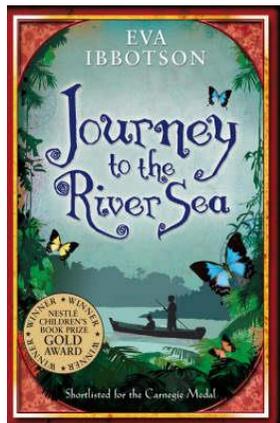
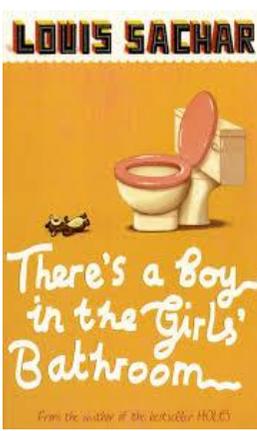
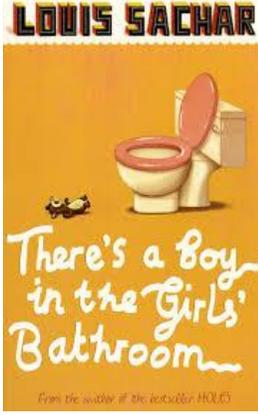




Year 5 Curriculum Overview for Parents Summer 2018/19

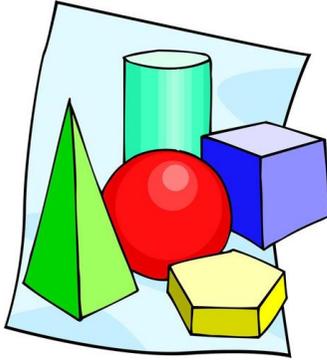


Subject	Summer 1	Summer 2
<p>Literacy</p>	<p><u>It's getting hot in here!</u></p> <p>Following the STEM project theme of Climate Change, children will be exploring how fossil fuels have an effect on our planet and ways in which we can help our planet. Throughout the half term, children will revisit and revise the skills needed to write a non-chronological report, persuasive speech and a formal persuasive letter. They will continue to develop their writing skills including correct spelling, punctuation, grammar and handwriting.</p> 	<p><u>Journey to the River Sea</u></p> <p>Following the River Project theme, children will be exploring and analysing the text 'Journey to the River Sea' by Eva Ibbotson. Throughout the half term, children will use drama and role play to understand the characters in the text as well as revisiting and revising the skills needed in order to write a narrative, poem and a non-fiction text. They will continue to develop their writing skills including correct spelling, punctuation, grammar and handwriting.</p> 
<p>Big Reading</p>	<p><u>There's a Boy in the Girl's Bathroom</u></p> <p>Through our daily Big Reading Sessions, the children will develop their reading skills through an introduction to <i>There's a Boy in the Girl's Bathroom</i> by Louis Sachar. This session includes diagnostic feedback in the children's reading records, and will encourage them to develop their reading analysis skills, such as speed retrieval, language interpretation, quotations and character analysis.</p> 	<p><u>There's a Boy in the Girl's Bathroom</u></p> <p>The children will continue their indepth exploration of <i>There's a Boy in the Girl's Bathroom</i>, and their development of key reading skills through specific and targeted group and one-to-one work. They will discuss complex characters, explore how an author's intention can affect how we see a story, as well as wider concepts such as the social and moral messages we can learn from different stories. They will consider their reading in the context of other books they have read.</p> 

Maths

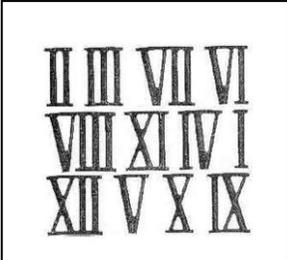
Fractions, Geometry and Algebra

As well as continuing to revise their number and arithmetic skills, the children will continue to refresh and expand their knowledge of fractions. This will in depth work with fractions, ratio and proportion, ordering fractions and converting improper fractions. They will also continue to develop their understanding of 2-D and 3-D shapes and angles. The children will begin to develop their understanding of algebra as a problem solving method.



Area and Perimeter, Volume and Roman Numerals

In Summer 2, as well as continuing to develop number and arithmetic skills the children will expand their knowledge of area and perimeter. This will involve learning how to calculate the perimeter of composite shapes for example. In addition, the children will look more deeply at volume by learning how to calculate the volume of a solid. Furthermore, they will learn to convert units of volume too. Finally, the children will develop their knowledge of Roman numerals.



Science

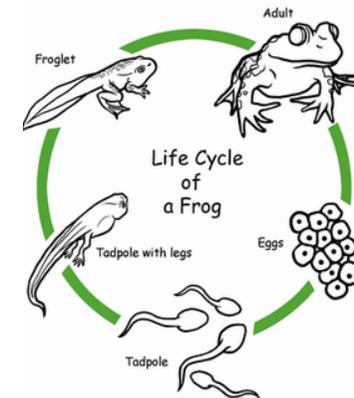
Climate change

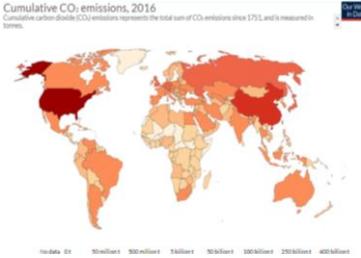
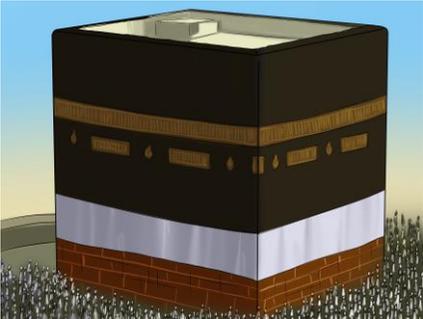
This half term, as a part of the STEM project, the learning in science will focus on the causes and effects of climate change across the world. This will include looking at climate, the greenhouse effect, global warming, fossil fuels, deforestation and farming practices. The children will develop an understanding of how these elements have a direct impact on Earth, humans and living things.



Living things and their habitats

The children will be learning about Charles Darwin and the life cycle of different animals. They will learn about the main stages of life of mammals and amphibians, as well as the most significant theories developed by Charles Darwin relating to animal evolution.



<p>History & Geography</p>	<p style="text-align: center;">Climate change around the world</p> <p>To complement their learning about climate change, the children will be learning about the geographical aspects related to global warming. They will learn how developed country's carbon dioxide and methane emissions have very big consequences in different parts of the world.</p> 	<p style="text-align: center;">Water in the World</p> <p>The focus this half term will be on the geography and history of water as a part of our world. The children will refresh and revise their understanding of rivers, and be introduced to a deeper understanding of the significance of the water cycle in many cultures.</p> 
<p>Art & DT</p>	<p>Harnessing renewable energy</p> <p>As part of our STEM topic of Climate Change, the children will design, build and evaluate the effectiveness of their own model solar powered vehicles.</p> 	<p>Art in the Amazon</p> <p>As part of our exploration of the Amazon river and rainforest, the children will use oil pastels to draw some colourful animals from the Amazon region. They will do this by exploring different marking techniques, as well as experimenting with blending colours.</p> 
<p>Religious Education</p>	<p>What do religions and world views believe about God?</p> <p>The children will gain an insight into the varying beliefs of how different religions and world views picture God - ranging from the polytheistic views of Hinduism; to the views of Sikhs, Muslims and Christians; as well as the views of Humanists. Children will also compare and consider the various symbols that religions use.</p>	<p>What is important in Islam?</p> <p>The children will develop their understanding of the most important and symbolic parts of the Muslim faith, and consider the similarities and differences between Muslim beliefs and a variety of different faiths and world views.</p> 
<p>Music</p>	<p style="text-align: center;">Film music</p> <p>The children will learn how to compose and play music to film. In addition, they will discuss musical devices such as repetition and ostinato to help them compose their music.</p> 	<p style="text-align: center;">Code breakers</p> <p>We will look at, use and create our own musical codes to tell stories using tempo, dynamics and texture.</p> 

<p>I.C.T.</p>	<p>STEM Project</p> <p>As part of our STEM Topic this half term, children will be working in together to combine their writing and oracy skills, in order to create a news report about global warming and how fossil fuels are having an impact on our planet. They will then be using their ICT skills to film their news report and edit it using <i>Movie Maker</i>.</p> 	<p>Lego Project</p> <p>This half term, children will see science and computing come to life through hands-on tasks, real-world projects, and relevant technology involving Lego. They will have the opportunity to enhance their skills across science, coding, engineering and technology by building and programming a robot.</p> 
<p>P.E.</p>	<p>Tennis</p> <p>The children will have the opportunity to refresh and revise their hand-eye coordination skills through tennis. Tennis will enable the children to develop ball control, co-ordination skills and their agility.</p> 	<p>Rounders</p> <p>Through rounders, the children will have an opportunity to continue to develop their hand-eye co-ordination, as well as continuing to focus on their teamwork and communication skills.</p> 
<p>Homework</p>	<p>All children have access to three exciting home learning websites.</p> <p>Bug Club should be used focus on improving comprehension skills. Mathletics and Abacus support your child's learning in maths. If you are unsure of their username or password please speak to your class teacher.</p> <p>The Star Home Learning Project letter is organised into 4 areas:</p> <ul style="list-style-type: none"> Develop your creativity Explore your locality Extend your research skills Explore your mathematical skills 	