



SPRING TERM 2020
Termly Curriculum Overview
YEAR 6

Learning Theme: Innovation and Sources

ENGLISH	<p>In our Reading this term we will continue to develop the use of inference skills to make predictions, explain new vocabulary and summarise key characteristics of characters and settings- across a range of genres. Our Class book will be Holes, which we will read in preparation for our Theatre trip in March.</p> <p>We will be learning a range of spelling strategies to support our spelling of the Year 5/6 words. We will also learn the spelling with the following letter strings: ough, cial, tial, homophones and spelling rules for pluralisation.</p> <p>In our writing editing for spellings will continue to be important, along with the use of dictionaries and a thesaurus. We will be learning move the action on through the use of dialogue, consider when to use formal or informal language, depending on the audience and purpose of the writing task . The use colons and semi-colons to mark the relationship between independent clauses will be used in our writing, as well as the use of subordinating clauses.</p>
<p>How to help</p>	<p>Visit the library to find books about our topics. Enjoy reading with and to your child and encourage them to read often from a variety of sources, including books, magazines and comics and online texts.</p> <p>Encourage your child to practice the Year 5/6 spellings weekly using the Look Cover Write Check sheets: these are in their reading record books.</p>
MATHEMATICS	<p>In mathematics we will be learning to multiply and divide fractions. Links will be made and applied , between fractions, decimals and percentages and fluency will be developed in the selection of the most efficient calculation to use. In our Geometry learning, we will be investigating the total of angles around a point, on a straight line and the relationship between opposite angles. Within the topic of measure, which we will link with our Science learning this term, we will convert between units of measure for mass, capacity, length and time and apply this to reasoning activities. Building on prior learning from the Autumn term will be important here.</p> <p>The recall of all multiplication facts to 12 x 12 and their related division facts is a very important skill to master- we will be learning to apply these facts when working with multiples of 10, 100 and 1000.</p> <p>Throughout our maths learning we will compare methods to consider which is the most efficient method and reason as to how or why an error has been made, and explain how to solve a problem using mathematical explanations. Links to prior learning will be very important this term as we apply our arithmetic skills to reasoning problems.</p> <p><u>Key Instant Recall Facts for fluency:</u> <u>Spring 1:</u></p> <p>By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> $\frac{1}{2} = 0.5$ $\frac{1}{4} = 0.25$ $\frac{3}{4} = 0.75$ $\frac{1}{10} = 0.1$ $\frac{1}{5} = 0.2$ $\frac{3}{5} = 0.6$ $\frac{9}{10} = 0.9$ </div> <div style="width: 45%;"> $\frac{1}{100} = 0.01$ $\frac{7}{100} = 0.07$ $\frac{21}{100} = 0.21$ $\frac{75}{100} = 0.75$ $\frac{99}{100} = 0.99$ </div> </div> <div style="border: 1px solid blue; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">Key Vocabulary</p> <p>How many tenths is 0.8?</p> <p>How many hundredths is 0.12?</p> <p>Write 0.75 as a fraction?</p> <p>Write $\frac{3}{4}$ as a decimal?</p> </div> <p style="text-align: right; margin-top: 10px;">actions for $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$ and any</p>

	<p>Spring 2:</p> <p>By the end of this half term, children should know the following facts. The aim is for them to recall these facts instantly.</p> <p><i>A prime number is a number with no factors other than itself and one.</i></p> <p><i>The following numbers are prime numbers:</i></p> <p>2, 3, 5, 7, 11, 13, 17, 19, 23, 27, 29, 31, 37, 41, 43, 47</p> <p><i>A composite number is divisible by a number other than 1 or itself.</i></p> <p><i>The following numbers are composite numbers:</i></p> <p>4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, 22, 24, 25, 26, 27, 28, 30, 32, 34, 35, 36, 38, 39, 40, 42, 44, 45, 46, 48, 49, 50</p> <p>Children should be able to explain how they know that a number is composite. E.g. 39 is composite because it is a multiple of 3 and 13.</p>
How to help	<p>Wherever possible, promote the application of maths skills/ calculations in real life eg: shopping (addition, subtraction (change given) multiplication (how much would 6 cost?) division (cost per person), budgeting..</p> <p>Using TTRockstars to support the learning of multiplication facts to quick recall. Use My Maths to revisit class learning and play maths games.</p>
SCIENCE	<p>The following areas of science will be covered this term: Light and Shadow and the Eye and Electricity: investigating circuits. We will be building on prior learning from Years 3 and 4 throughout these units.</p> <p>In our study of Light and Shadows and the Eye we will be learning that light appears to travel in straight line Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes Use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.</p> <p>In Electricity we will be learning about how to associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches Use recognised symbols when representing a simple circuit in a diagram.</p>
How to help	<p>Visit the library to research about Light , Shadows and the origins of Electricity.</p> <p>BBC bitesize : https://www.bbc.co.uk/bitesize/clips/zshxpv4 , https://www.bbc.co.uk/bitesize/topics/zbssgk7</p> <p>Electricity: https://www.theschoolrun.com/what-is-electricity http://www.primaryhomeworkhelp.co.uk/revision/Science/electricity.htm</p>
ART and DT	<p>The main focus for art this term is painting. During this unit we will be paying close attention to tints and tones. We will be looking at some influential artists known for their painting styles or their use of colour, tones and textures - discussing techniques used.</p> <p>In design technology we will be looking at the idea of designing and making. Children will generate, develop, model and communicate their ideas through discussion, annotated sketches and cross-sectional diagrams.</p>
How to help	<p>Research artists and discuss their work, paying close attention to shades, tones, tints and textures used for effect.</p>

COMPUTING	This term in computing we will be learning how to create a multi user data base, input data and search and compare data, deciding on the most appropriate graph to use.
How to help	Discuss the importance of how to stay safe on line and what to do if your child feels uncomfortable about something which happens on line. Pupils can access their J2e accounts at home to continue working on their school projects.
HUMANITIES	In history this term we will be looking at how Britain has changed through the decades. We will consider changes and innovations in technology, culture, music and political trends and attitudes. Children will understand key trends and ideas and be able to compare them.
How to help	Research different trends typical of significant periods of time in history. Consider what factors may have influenced these trends and why.
PSHE	This term we will be following Picture News which tackles current global issues on a weekly basis. This will provide opportunities to discuss topics, give opinions and ask questions.
How to help	Discuss current issues with your child eg: Climate change, the destruction of the Amazon and overfishing.
R.E.	Our RE units this term are on Sources of Authority: The Gospel: What would Jesus do? In this unit we will be learning about the messages of Jesus 'teachings through the parables and how this is applied by Christians today in their lives.
How to help	Visit this website to listen to and learn about some of the parables: http://request.org.uk/jesus/parables/parables/#
SPANISH	This term children will listen to and become involved in stories and songs. They will build their vocabulary and begin to become involved in conversations where they will ask and answer questions along with sharing opinions.
How to help	Research and use some basic Spanish vocabulary in everyday life. Use Spanish when greeting each other or asking simple questions.
PHYSICAL EDUCATION	Arena will be teaching Gymnastics on a Monday afternoon and the pupils will be learning Tag Rugby skills on a Tuesday afternoon this term.
How to help	Ensure that you child has their correct PE kit in on the correct days.
USEFUL AND FUN WEBSITES	See the school website for links to maths websites: http://www.ststephenscornwall.co.uk/web/maths_mastery/334085 BBC Bite size Science

Useful Information

Homework and Reading

Maths and English homework are set weekly using the CGP Ks2 books (sometimes SPAG.com and My Maths may be used instead). Homework needs to be handed in by Friday.

It is expected that your child reads at least 4 times per week, with reading records completed: these will be checked every Friday. When they have completed an AR (Accelerated Reader) book they will take a quiz in school.

Spellings (year 5/6 words) to be learnt: it is suggested that 5 per week are learnt.

Knowledge Organisers and Vocabulary Mats

Please see the Class information page on the school website for these.

If you have any concerns, queries or suggestions please feel free to chat to us anytime

Theatre Trip to see Holes : Wednesday 18th March 2020: further details to follow.

Porthpean Residential Trip:

The payment schedule :

Deposit- on or before September 15th (non- refundable.)	£35
On or before 14th October	£35
On or before 14th December	£35
On or before 23rd February	£30
On or before 30th April	£30
Total Cost	£165