



SPRING TERM 2020
Termly Curriculum Overview
YEAR 5

Learning Theme: Innovation and Sources

ENGLISH	<p>This term the children will be really testing their creative skills in our writing. Continuing to improve fluency in using dictionaries and thesauruses and expanding their vocabulary. Continue to polish their composing and rehearsing to progressively build rich and varied sentences to wow the reader. Perfect their use of inverted commas for dialogue and use more complex punctuation: brackets, dashes and commas for parenthesis. In narrative writing describe setting, character and plot. In reading understand a wider and more complex vocabulary. Draw inferences and justify with evidence from the text. Understand how and why a writer has used clauses to add information to a sentence.</p>
How to help	<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. Use recipes at home with your child. Children are most welcome to bring in their own books to share in class-it is always lovely to share a favourite one.</p>
MATHEMATICS	<p>By the end of this term, children should know the following facts. The aim is for them to recall these facts instantly. 1 kilogram = 1000 grams; 1 kilometre = 1000 metres; 1 metre = 100 centimetres; 1 metre = 1000 millimetres; 1 centimetre = 10 millimetres; 1 litre = 1000 millilitres A prime number is a number with no factors other than itself and one. The following numbers are prime numbers: 2, 3, 5, 7, 11, 13, 17, 19 A composite number is divisible by a number other than 1 or itself. The following numbers are composite numbers: 4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20 Key Vocabulary: prime number, composite number, factor and multiple.</p>
How to help	<p>The secret to success is practising little and often. Use time wisely. Can you practise these facts while walking to school or during a car journey? You don't need to practise them all at once: perhaps you could have a fact of the day. Look at the prefixes –Can your child work out the meanings of kilo-, centi- and milli-? What other words begin with these prefixes? Be practical – Do some baking and convert the measurements in the recipe. How far? – Calculate some distances using unusual measurements. How tall is your child in mm? How far away is Truro in metres?</p>
SCIENCE	<p>This term has a lot of science, the children will be examining Space and Gravity, resistance and mechanical forces. The movement of the Earth, and other planets, relative to the Sun in the solar system. Describe the movement of the Moon relative to the Earth. Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky. Explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object. Identify the effects of air resistance, water resistance and friction, that act between moving surfaces. Recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</p>
How to help	<p>It is a fantastic time of year for examining the stars and the phases of the Moon with the short days and long nights. Particularly examining and recognising whether the Moon the waxing or waning and where it is in the sky over a series of days.</p>
ART and DT	<p>In art the children will experiment with tools and techniques, including layering, mixed media. They will mix and match colours including artefacts and objects. Work on a range of scales e.g. Suggest large brushes for large paper. Mix a range of secondary colours, shades and tones. Will spread and apply paint to make a background using wide brushes and other tools to express backgrounds and context. In DT research, design and create a piece of work built around the theme of Innovation and Sources. Also evaluate their own and their peers' work.</p>

How to help	Practice painting at home. Ask your child to demonstrate the techniques we have been learning in school.
COMPUTING	This term we will be creating databases on J2E Data and in the second half term creating art work using Logo on J2E.
How to help	The computing program that the school uses is J2E and all the children's files are available to them online at any time. They can work on projects from school or use the very versatile program for their own ideas at any time on computer or tablet.
HUMANITIES	As part of our English lessons we will examine ancient Greece. We will look at Greek life, their achievements and their influence on the Western World.
How to help	Read historical books or visit websites about ancient Greece. There are many excellent Greek myth stories and films.
PSHE	This term we will examine things that help us in school to learn and play well together, understand rights and responsibilities in the school and understand the need for rules in society and why we have the rules we do in school. Learn strategies to cope with uncomfortable feelings and to calm myself when necessary.
How to help	Discussing at home what they have learned in school and sharing your own coping mechanisms for difficult emotions.
R.E.	This term the theme for R.E. is Sikhism. Learn who Sikhs are, about their beliefs and where these beliefs originate. Find out about Sikh art, architecture, food, music and literature. Examine how Sikhism compares with Christianity. Also, how it compares with other world religions. Research some of the Sikh faith stories e.g. creation myth.
How to help	Discussing your own faith and beliefs with your children and also, with the Community and Inheritance aspect, looking at your family history of faith.
SPANISH	This term we will be looking at some key classroom language, animals and adjectives of colour. Describe animals using adjectives of colour. Listen to and understand a Spanish story.
How to help	Practicing the Spanish words for animals and colours and if your child doesn't know it, look it up on the internet and add that to the words that you use.
MUSIC	Blending voice to fit a group's pitch & pulse. Developing a positive relationship with an audience. We will also be learning to play guitars.
How to help	Most of us listen to music and this gives us an opportunity to discuss what we like and dislike about different pieces of music and talking about the beat, tempo, rhythms and so on.
PHYSICAL EDUCATION	PE will be twice a week for the first half of term. On Wednesdays and Fridays. However, children should have PE kit in school every day as sometimes we will change the day depending on the weather. The focus will be on team and multi skills.
How to help	Making sure your child has the correct kit in school and promoting a healthy active mindset.
USEFUL AND FUN WEBSITES	Mymaths.co.uk Ttrockstars.com J2E.com

Useful Information

Mornings

Please could your child arrive no earlier than 8.45. The bell goes to go into class at 8.55.

Snacks

Your child needs to bring a healthy snack for break time.

Drinks

The children should have a bottle filled with water (NOT juice). They will be able to drink freely during lessons except during direct teaching.

Homework and Reading

Homework will be set on Friday each week. The homework will be English and maths-based learning. Children are expected to do the maths set (Usually MyMaths) and English, each week. It is expected a child in year 5 will spend a suggestion of 30 minutes a night on homework.

Reading: Children should read every evening and to an adult at least once a week. Take time to talk about books at home as reading is so very important. Each child has a reading record, where they should keep a record of what they are reading. Please comment on your child's progress with reading in their reading record when you have heard them read. For their number of reads to count an adult must sign their reading record book.

Spellings: In the front of your child's reading record there is a list of the Year 5/6 spellings which your child is expected to know by the end of Year 6. We encourage children to practice these at home.

Maths: Times tables practise. They will be tested every Friday.

Your child will receive a piece of Maths homework. Homework will be a mix of MyMaths. Homework will be set on a Friday and is to be handed in the following Wednesday. If your child is unable to complete their homework at home, they have the opportunity to attend Homework Club at lunchtime.

Knowledge Organisers and Vocabulary Mats

As part of the government's changes to the Primary curriculum we now have whole school themes which have blocks of learning. The next one of these themes is Innovations and Sources and the next block for Year 5 is Space. This block is cross curricular and comes with a pre-sequence knowledge organiser and vocabulary mat. A knowledge organiser is a document, usually no more than two sides of A4, that contains key facts and information that children need to have a basic knowledge and understanding of a topic.

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