

Spring term part 1.

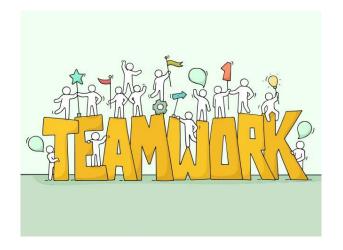
Our World: Weather and climate change.



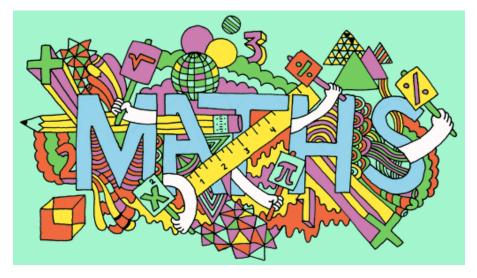
Our Key subject for the topic is: Geography.

Our Key Learning skill for this half term is: Teamwork.

Over the next half term, we shall be exploring and learning together a range of subjects based around our curriculum theme of 'The weather and climate change'. We will learn about types of weather and what causes them, climate around the world, how and why the climate is changing and what we could do about it.



In maths we will learning about:



The 7 times table and patterns:

- Pupils represent counting in sevens as the 7 times table
- Pupils explain the relationship between adjacent multiples of seven
- Pupils use their knowledge of the 7 times table to solve problems
- Pupils identify patterns of odd and even numbers in the times tables
- Pupils represent a square number
- Pupils use knowledge of divisibility rules to solve problems

Understanding and manipulating multiplicative relationships:

- Pupils explain what each factor represents in a multiplication equation
- Pupils explain how each part of a multiplication and division equation relates to a story
- Pupils explain where zero can be part of a multiplication or division expression and the impact it has
- Pupils partition one of the factors in a multiplication equation in different ways using representations (I)
- Pupils explain which is the most efficient factor to partition to solve a multiplication problem
- Pupils use knowledge of distributive law to solve two part addition and subtraction problems, efficiently
- Pupils use knowledge of distributive law to calculate products beyond known times tables facts
- Pupils explain the relationship between multiplying a number by 10 and multiples of 10
- Pupils explain why a zero can be placed after the final digit of a single-digit number when we multiply it by 10
- Pupils explain why a zero can be placed after the final digit of a two-digit number when we multiply it by 10
- Pupils explain why the final digit zero can be removed from a two-digit multiple of 10, when we divide by 10
- Pupils explain why the final digit zero can be removed from a three-digit multiple of 10, when we divide by 10
- Pupils explain the relationship between multiplying a number by 100 and multiples of 100
- Pupils explain why two zeros can be placed after the final digit of a single-digit number when we multiply it by 100
- Pupils explain why two zeros can be placed after the final digit of a two-digit number when we multiply it by 100
- Pupils explain why the last two zeros can be removed from a three-digit multiple of 100 when we divide it by 100
- Pupils explain why the last two zeros can be removed from a four-digit multiple of 100 when we divide it by 100
- Pupils use knowledge of the composition of 100 to multiply by 100 in different ways
- Pupils use knowledge of the composition of 100 to divide by 100 in different ways
- Pupils explain how making a factor 10 times the size affects the product
- Pupils explain how making the dividend 10 times the size affects the quotient
- Pupils explain how making a factor 100 times the size affects the product

- Pupils explain how making the dividend 100 times the size affects the quotient
- Pupils scale known multiplication facts by 10026Pupils scale division derived from multiplication facts by 100

For more details on our maths learning check out the details on our class web page or follow this link:

Year 4 curriculum map | NCETM

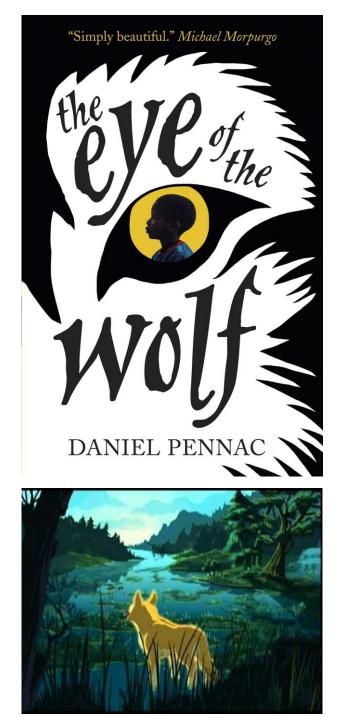
In **English** we will be learning about: Writing to entertain.



- In **English** we will be learning about:
- Narrative and story structures.
- Planning an interesting and engaging story.
- Character descriptions.
- Setting descriptions.
- Telling a story based on different points of view.
- The majority of our writing will be based on or Guided Reading text 'Eye of the Wolf'
- We will also be using the short film version which can be found below:

Our writing will based on: Eye of the Wolf





We will be developing and practicing these Spelling, Grammar and Punctuation skills:

- Rhetorical questions
- Emotive language
- Letter layout
- Salutations and endings
- Formal language
- Paragraphing and logical progression.

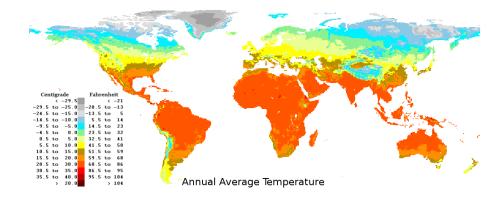
- Developing our ideas
- Adverbs of time
- Adverbs of place
- Adverbs of manner
- Adverbs to show how often
- Nouns and pronouns used for clarity and cohesion
- A wider range of conjunctions
- Correct use of simple present, present progressive and present perfect
- Fronted adverbials
- Implied second person
- Apostrophes to mark singular and plural possession
- Commas in a list

Geography - Weather and climate change.

In our geography sessions this half term we will be learning:

- What is weather? What is climate? What is the difference?
- Climate zones around the world?
- How has the world climate changed over time?
- What is climate change and why do some people feel so strongly about it?

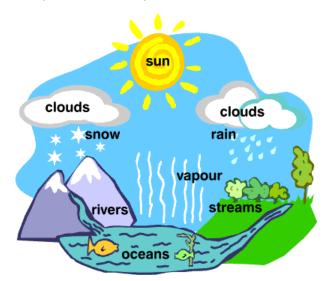
- What are the causes of climate change?
- Types of clouds, how and why the form.
- Precipitation and the water cycle (links to science learning)
- The effect that pressure has on weather and climate.
- The consequences of climate change and what we can do about it.



Science: States of matter.

In science we shall be learning:

- Grouping materials into solids, liquids and gases.
- Know the properties of solids, liquids and gases.
- Observe that some materials change state when they are heated or cooled.
- Observe changes and accurately measure temperature.
- To understand the processes of evaporation and condensation.
- To understand and explain the water cycle.

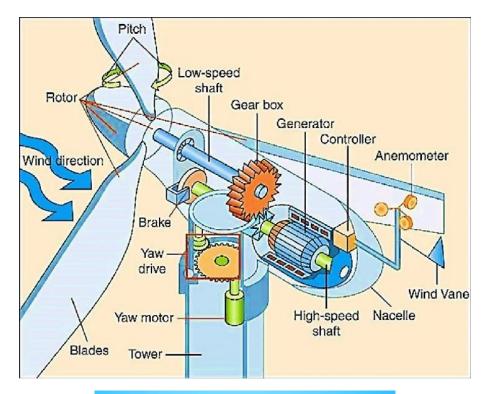


Design and technology: Mechanisms - windmills.



In D&T we will be learning to:

- Work through the design process, Problem, design, make and evaluate.
- The ways that wind is used as an energy source.
- The basic function and components of a wind turbine.
- What is the best shape for the blades on a wind turbine?
- What is the best material for the blades on a wind turbine?
- What is the effect of having larger or smaller blades?
- Gears, pullies and ways of transmitting power.
- Accurate use of measures and tools for design.
- Accurate and safe use of measures and tools for creating a product.
- Evaluation of a product.

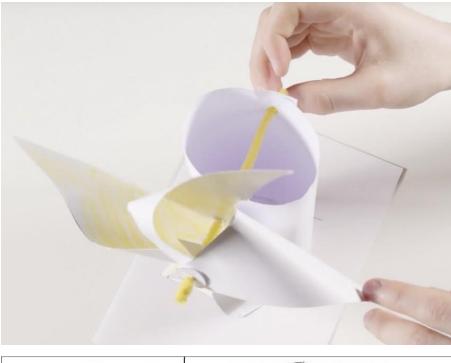


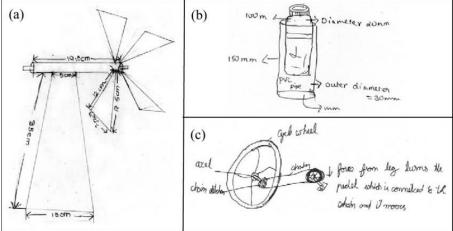














Hinduism.







In RE we will be learning about:

- Core beliefs of Hinduism and compare to Christianity.
- Main Gods including representations of Rama.
- Places of worship.
- Main festivals of Hinduism / Diwali.
- Religious stories and key texts

Our PSHE learning will focus on Relationships:

- How to recognise positive relationships and those that help or support us.
- How we can be a good friend and supportive in relationships.
- Negative relationships and dealing with difficulty.
- Appropriate and inappropriate relationships.

Computing: Using and combining software.



All learners will develop the skills needed for and work toward the creation of a multimedia Power Point presentation on an aspect of their learning about the Romans.

In Year 4 we shall:

- Create short films,
- find, save and edit images,
- create diagrams and tables to be added to or embedded into a PP presentation.

Keeping ourselves safe online.



What Parents & Carers Need to Know about

At National Online Sofety, we believe in empowering parents, carers and trusted adults with the information to held an informed conversation about online sofety with their children, should they fee Bia and the sofety and the sofety can for hurther guides, hints and tips for adults

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Violence & weapons

Risk of addiction

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Other Players

In-game purchases

PEG



For signs of addicti

Report problem player



a popular eSports title, Va mpetitive game with profe ames are being played and hing a high-octane

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Meet Our Expert

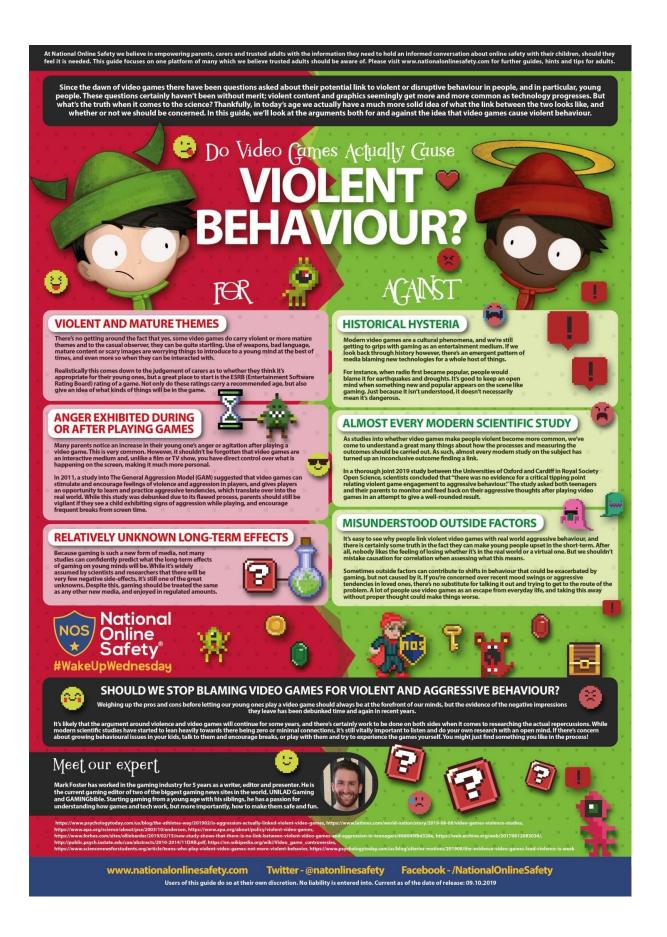


Try it yourself

NOS NOTIONAL Online Safety* #WakeUpWednesday

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Stifled independent thought

(Idonoi is a time when free king and individual expression wid be encouraged. Echo imbers restrict this by fencing ing people into a world they're a nersed in. Of course, there's not ing with being a fan of gaming, i dis or football, but echo chambe ckly start to focus children's att a very limited number of interes expense of everything else.

Blinkered worldview

interior CD WOI IDVIEW icial medic algorithms may use shisticated softwore, but their principle implex keep users on the app or bails for as long as possible by giving more of the content they want. For icial media plotforms, this means or child's favourites. This constant urgitation of the same kind of tent can cause children to telop an extremely niche and active view of the world.

Risk of radicalisation

2 nist groups have bee to use echo chamb to website popularit rooming and radicalis pilling') impressionat c memes have been k note far-right ideology ps have utilise social mpt to recruit young p





Creating obsessions

Children and young people naturally tend to enjoy a diverse range of interests. Echo chambers, as perpetuated on social media, can funnel your child's attention down an extremely restricted path. This gradual but powerful take-over of your child's impulses can cause them to slowly whittle down their former varied interests into an unhealthy, overwhelming obsession with one particular subject.

Lack of variety

fore than 500 hours ploaded to YouTube over 80 years' wor

Changes in behaviour In extreme cases, the content fo echo chambers can lead to radi din

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Safety tips for Parents & Carers

Talk it through

If you become worried about the effect that online ech ochambers might be having on a young persor the first step is to establish an open dialogue with them about what they're discussing online, and on which sites and platforms. Try to approach the conversation in a non-judgemental manner – expl that you trust them to make good decisions, but th doesn't stop you being concerned about them.

Introduce time limits

OCUCE UNE INTERACTOR amount of J become concerned about the amount of your child is spending on certain website al media platforms, you could talk to ther testablishing some time limits. You can testablishing some time limits. You can testablishing some time limits you can testablishing some time limits. stablishing some tim n these limits either sion, or by using the on their devices to e prevent it altogether

Meet Our Expert

It can be hard to know exactly when having an infexible opinion on a topic crosses the line into extremist ideology. Should things become so serie that you're genunely worried a young person is becoming radicalised online, then it may be best seek additional help. Speak to the safeguarding le your child's school or contact a professional supp organisation such as Childine or the NSPCC.

Adjust content settings

Ask for expert help

Investigate the settings of individual apps a if they can be tailored to limit the impact of Twitter's default setting, for example, is to as thinks a user will like first, rather than a chra timeline. Likewise, You'lube automatically pi recommended' video (selected by an aigor what the user has watched in the past) unle tell it not to. Both of these settings can be ad

NOS Online Safety

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At lettime longine borks, we believe in empreventing persents, on ever and travited a during within the information is bed an informed convex attine about a within a during we attine about a within a during we attine about a second travited about a within a during about a second about a sec NE FAIR he Dos and Don'ts of Online Conduct igside individual skill, impressive teamwork and some truly epic matches, one of the most enjoyable things about this summer's European ball championships has been the sense of sportsmanship and fair play. Players have competed flercely, but they've (mostly) remembered they're representing their country – and that bad behavlour, dangerous play or autright cheating tends to last in people's memories for a ong time after tournaments are over. The same is true of how we act online – one error of judgement or loss of control might only take a cond, but can have results that are difficult to forget. Instead, just like the herees of the Euros, we should aim for people to see us and feel proud and inspired. So, in a five-a-side line-up (with five "dos" and five "don"ts"), here are our top tips for playing fair online. FAIR PLAN FOUL PLAN 1 Organise your defence Don't ignore possible danger Use strong passwords to protect your personal information, accounts and data. A trusted adult, like a teacher or a relative, can help you choose one that's easy for you to remember but hard for anyone else to guess. Nover accept a friend request from a stranger. If somebody you don't know tries to contact you online, tell a trusted adult straight away. ... æ . 2 Don't lose control & retaliate keep possession 2 Although It can be tempting, it's best not to respend if semecone attempts to bully you online or sends you hurtful messages. Tell a trusted adult what hoppened, and then block the person from contacting you again in future. Only share personal informatian online with people you know well, like friends and family. A trusted adult will be able to help you change your online privacy settings so strangers can't find things out about you. Don't hurt people deliberately 3 Use teamwork 3 Before you use a device for the first time or download a new app, always check with a trusted adult. They'll be able to check if it's safe for you to use and make sure the privacy settings are right for you. It's important to behave online just like you would in real life. Don't post anything that can make you look like a bad person, because the things we put online can stay there for a long time. 4 Be respectful 4 Don't cheat your way to victory Treat people online like you would treat them in real life. Remember your manners and be polite and kind in your posts, comments and messages. Don't copy another person's work that you found online or protend that it's yours. This is called plagiarism and can get you into a lot of trouble. "a } 124. Don't play for extra time It can be easy to spend too much time onlin Instead, take a break to go outside for some fresh air and exercise. Not using your device just before bed will also help you get a good night's sleep so you can be fresh and focused the next day. 5 Catch attackers offside 5 If someone is trying to bully you online, a trusted adult can help you to gather evidence and report that person to the authorities. You should also tell a trusted adult if you see anything online that makes you feel worried, upset, frightened or sad. Nos National Online Safety 1.44 X188 #WakeUpWednesday 🌐 www.nationalonlinesafety.com 🛛 😏 @natonlinesafety 🛛 🛐 /NationalOnlineSafety (C) @nationalonlinesafety Users of this guide do so at their own discretion. No liability is entered into. Current as of the date of release: 07.07.2021





















Snapchat is a photo sharing app for mobile phones and tablets. The app allows users to share images, videos and chat with friends. Users can share images and videos directly to specific friends, or through a 'story' shared with their entire friend list, which documents the previous 24 hours. In a study, Snapchat was ranked the 4th most negative app in terms of having an impact on young people's health and wellbeing, with children feeling that they can use the app Snapchat to "make you look pretty."

What parents need to know about

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LENS EXPLORER

LENS EXPLORER The 'Lens Studio' on Snapchat gives users the freedom to use their imagination to design their own filters for themselves and others to use. Snapchat states that the lenses users create''must comply with our Lens Studio Submission Guidelines and Community Guidelines and must be appropriate for Snapchatters ages 134." The 'Lens Explorer' in the app now enables users to choose from thousands of these creations to alter their snaps. Anyone can create a lens for Snapchat, which gives opportunities for age-inappropriate content to be uploaded.

SNAPSTREAKS & ADDICTION

SNAPSTREAKS & ADDICTION "Snap Streaks" are gained when snaps have been sent back and forth consecutively between friends. The longer that snaps are sent between users, the longer the streak becomes. Furthermore, Snapchat rewards users who have achieved high Snap Streaks, by gifting emojis, adding incentives for users to keep the streaks. Children invest time into making their streaks as long as possible, which can put an incredible amount of pressure on both themselves and their friendships.

SEXTING

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GE RESTR

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SEXTING Due to 'Snaps' disappearing, (users can even send a one-second photo or video), Snapchat has become the chosen platform for children and young people to send sexually explicit images or 'selfies'. Once a photo/video has been screenshotted, or recorded using another device or software, this can lead to further dangers, such as blackmail and cyberbullying. It is illegal to make, possess, download, store and share sexual images, photos and videos of a person under the age of 18. This also includes any sexual images, photos and videos that a child may have taken of themselves. However, if a young person is found creating or sharing images, the police can choose to record that a crime has been committed, but taking formal action isn't in the public interest.

SNAP ORIGINALS

Through'Snap Originals', users can watch content which has been created by Snapchat on the app, including comedy shows, drama, news and more. Additionally, there are new lenses and filters available, inspired by the 'snap originals' shows. This is another feature to encourage addiction.

Top Tips for Parents

THE RISKS OF SEXTING

REPORTING A STORY, LENS, FILTER, SNAP OR MESSAGE

USE 'GHOST MODE'

HOW TO DELETE A MESSAGE

n. To del n also delete id hold the se sage and press delete

TURN OFF 'QUICK ADD' rriends find each other on the app. This is riends or if their number is in their phone your child that this feature can open up

RESTRICT STORY VIEWS



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WHO IS WATCHING YOUR CHILD? our child's privacy settings are not set up effectiv body can be watching their live streams. One of

during a live st

RECORDINGS OF YOUR CHILD

GROOMING

Top Tips for Parents

BE PRESENT

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study by th of streams

PROTECT THEIR PERSONAL INFORMATION

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TALK REGULARLY WITH YOUR CHILD

PRIVACY SETTINGS

PROTECTING THEIR ONLINE REPUTATION

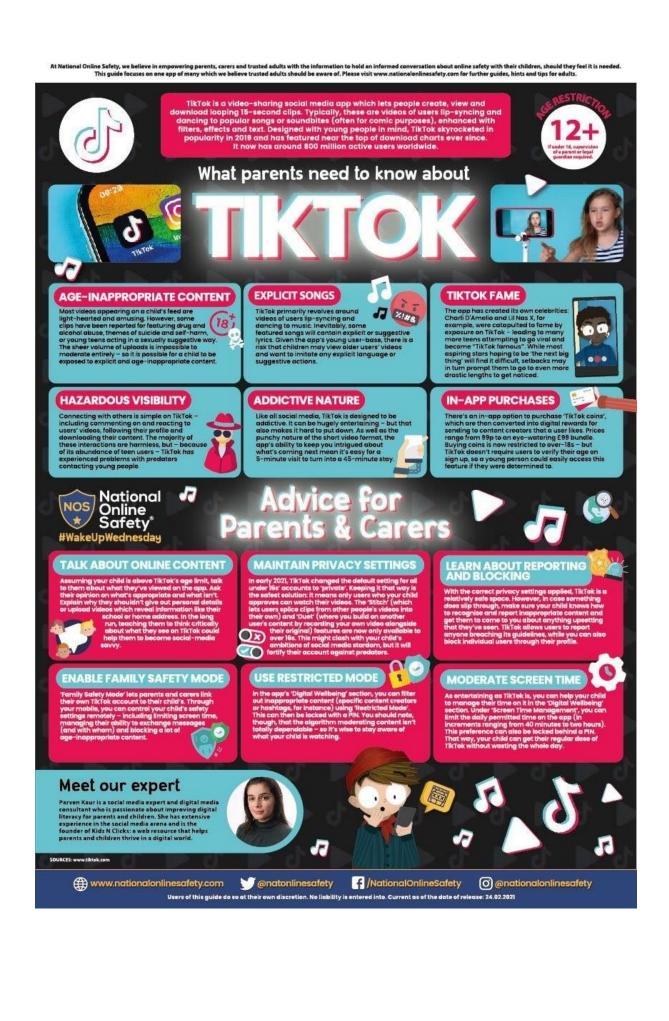
REMOVE LINKS TO OTHER APPS

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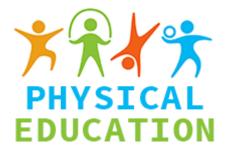


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PE: Dance and Korfball.



In PE this half term we will be using our teamwork and problem solving and critical and creative thinking skills to:

- perform the basic actions and dances clearly and fluently
- Developing travelling movements and creating short repetitive phrases.
- Interpreting words into appropriate movements and gestures.
- Creating a simple class dance.
 - work creatively and imaginatively on our own and with a partner
- perform expressively and sensitively to accompaniment
- perform dances fluently and with control
- observe and evaluate our own and other's dances
- warm up and cool down independently.
 - The rules and positions of korfball.
 - Passing and shooting with the ball.
 - Getting in to position to shoot.
 - Shooting for the hoop.
 - Supporting and defending the shooter.
 - Cooperation and teamwork in both attack and defence.
 - Taking free passes and penalties.





Music: Recorders.

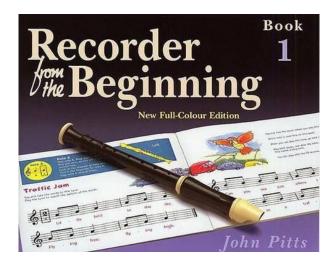


Classes 3 and 4 will be beginning to learn the recorder this half term using the John Pitts 'Recorder from the Beginning'.

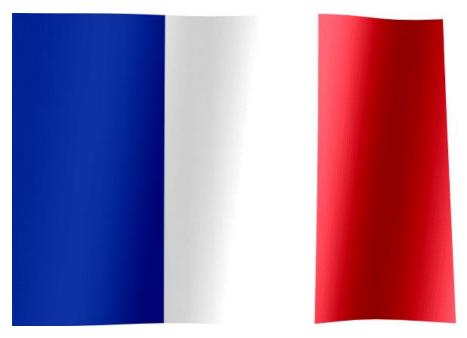
Each learner will be provided with a recorder to use in school and this will remain 'theirs' until they move into Year 5.

We shall begin this half term by learning the first three notes on the recorder and playing together to learn a selection of tunes.

Watch our Twitter feed (@MD_Class4) to see recording of our playing together,



French



We follow the Wakefield 'La Jolie Ronde' scheme for learning French in lower KS2.

We will be continuing to build the learners' spoken vocabulary and confidence to answer questions in French.

In Year 4 we learn:

- How to form the negative
- Numbers 1-31 and multiples of 10 to 100
- Classroom instruction wider range
- How to ask and answer questions about time, date, food, hobbies
- Parts of the body
- Members of the family

Pets



Inspire afternoon.



For our inspire event this half term we will be inviting parent and guardians to join of for a musical event and performance. We will be showing off the skills we have learned in our music lessons and passing them onto our families so that we can all play a tune together.



Home learning project



Home learning project.

For our home learning this half term we would like families to work together to create a sealed bottle garden. This is a sealed bottle (nothing gets in, nothing gets out), the plants have everything they need in side the bottle, their own personal environment. Instructions and activated carbon will be sent home in the first week of term.

There are some examples below to help you.

There are also lot of activities linked to our school learning on the blended learning page of the school website which you could complete as a family. <u>Click here for Blended learning.</u>

Please remember all team members are still expected to read at home for 20 minutes at least five times a week, practice their times tables using TT Rock Stars and practice the week's spelling list ready for their spelling test on Friday.



