Autumn 2
Year 5

English

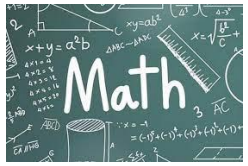
Texts
Why Rain Cats are Extinct

Writing Genres
Non-negotiable

Non-Negotiables
Consistently joined writing
Relative clauses
Parenthesis
Conjunctions
Grammar
Learn Weekly Spelling

Maths

Multiples and common multiples
Factors
Prine
Square and cubed numbers
Multiply and divide by 10, 100 and 1000
Equivalent fractions
Converting fractions
Compare and order fractions
Add and subtract fractions



Non – Negotiables
Recall timetables up to 12 x 12, including applying this knowledge to multiples and corresponding division facts. (Times Tables) (Division Inverses)

Experiences

Kirkby Library

History – Vikings

Knowledge
To investigate who the Vikings were, where they came from and why they invaded, (recognising that lack of farmland pushed them towards raiding).
To know they travelled in boats called longships-so effective and first arrived in Britain around AD 787, first arriving in Scotland then in England
To know the Vikings raided places such as monasteries and pillaged expensive items to trade (the first recorded raid took place in AD 793).
To understand Viking Life and know they tried to take over much of Britain.
To understand the importance of Viking Gods.
To know how England became a unified country.
To know how the Viking era ended in 1066

Vocabulary
archaeologist
raids
vicious
longhouse
berserkers
longship
Odin
Scandinavia
Danelaw
misconception
Jorvik
settled

Science – Earth, Sun and Moon

Key Knowledge
Know about and explain the movement of the Earth and other planets relative to the Sun.
Know about and explain the movement of the Moon relative to the Earth.
Know and demonstrate how night and day are created.
Describe the Sun, Earth and Moon (using the term spherical).
Know information about the planets.
Know about Neil Armstrong was the first man to step on the moon.

Vocabulary
orbit
solar system
astronomical
planet
rotation
spherical
crescent
moon
gibbous
moon
eclipse
lunar

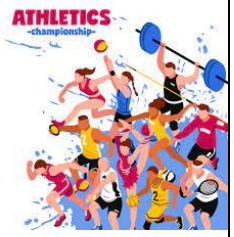
Computing – Programming

Key Knowledge
To know that a soundtrack is music for a film/video and that one way of composing these is on programming software.
To understand that using loops can make the process of writing music simpler and more effective.
To know how to adapt their music while performing.

Vocabulary
beat
bugs
coding
command
debug
decompose
error
instructions
loop
melody
mind map
music

Music – Christmas performance	DT - Electrical Systems/ Electronic Cards	PSHE – Valuing Differences
Key Knowledge Christmas production (singing/performance focus) To learn new melodies, lyrics and actions, and songs in which entire verses will have different lyrics, with a repeated chorus. To consolidate knowledge of verse/chorus structure in a song which has changing lyrics for entire verses. To know that body percussion sounds (as appropriate to lyric content) can be used both on and off the beat to fill silence/rests in music. 		**Key Knowledge** To define some key qualities of friendship To be able to actively listen and respond appropriately To develop an understanding of discrimination and its injustice, and describe this using examples and understand how this can be challenged. To identify and describe the different groups that make up their school/wider community/other parts of the UK To understand that the information we see online, either text or images, is not always true or accurate To recognise that some people can get bullied because of the way they express their gender.
RE – Religion and the Individual	What matters to Christians? Enquiry Question: What is expected of a person following a religion or belief? Christmas Peace at Christmas **Key Knowledge** Know and explain three or more key Christian beliefs Know and understand what matters to Christians Consider varied answers to questions about God Know and explain with reasons why they select one of the 4 elements of Christianity studied as the most important Know and explain what matters about worshipping God to Christians	

	Know and explain similarities and differences between different celebrations that are part of Christian worship **Vocabulary** Religion, Christian, spiritual, festival, incarnation, resurrection, Christmas, Easter, Pentecost, Eucharist, Gospel, Trinity, Holy Spirit, community, commitment
Art – I Need Space	**Key Knowledge** Generating ideas and using sketchbooks, taking inspiration from a range of artists Making skills: drawing, painting, printmaking, photography, mixed media, craft techniques and sculpture Formal elements: colour, form, line, pattern, shape, texture and tone Knowledge of artists' work and techniques Evaluating: critiquing their own work and that of others **Key Vocabulary** Architecture, Cold War, culture, evaluate, influence, propaganda, retro-futuristic, Space Race, The Soviet Union, continuous formal elements, line, medium, process, stimulus, technique, tone, collagraph, composition, materials, placement, printing plate, Printmaking, texture, collagraph, collagraphy, future, futuristic, printing, printing plate, retrofutures, roller.
MFL – Time in the City	**Key Knowledge** Know how to explore a city in Spain Know how to ask politely for an entrance ticket in Spanish Know how to give directions in Spanish Know how to understand and give simple information about a city Know how to understand prices and nouns for presents Know how to design and describe a Christmas jumper Know how to say and write a simple sequence of sentences using nouns to describe a city or a town. Know how to say nouns for favourite things/presents. Know how to write a simple description using Christmas-themed vocabulary
PE	**Athletics** **Key knowledge** Apply the correct technique for sprinting individually and within a team whilst developing their technique for hurdling, throwing the javelin and jumping Demonstrate a strong understanding of how to apply the correct technique and why the correct technique is so important. Consolidate their ability to encourage and collaborate with other, communicating developmental feedback and showing respect. Strive to improve their own technique, ensuring they always apply maximum effort. **Gymnastics – Counter Balance & Tension** **Key knowledge** Demonstrate communication skills and show respect as they watch others' perfromances and give feedback on ways to improve. Apply integrity and self discipline as they perform their sequences and receive feedback. Pupils will then work hard to improve their sequences. **Vocabulary**

	<u>Vocabulary</u> change over personal best lap tactics speed distance evaluation 	Excellent gymnastic Interesting Flow Levels Counter Balance Counter Tension Unison Canon