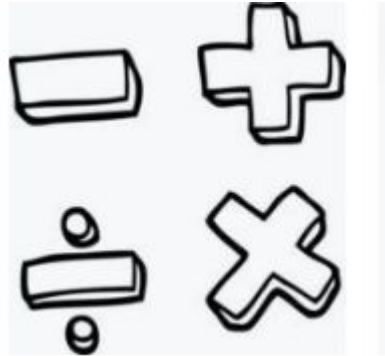


Autumn 1

Maths

Place Value and Addition and Subtraction



What will I learn?

- Represent and partition numbers up to 10,000
- Use number lines to 1,000 and 10,000; estimate positions
- Count in 1,000s and find 1, 10, 100, 1,000 more/less
- Compare and order numbers to 10,000
- Read and write Roman numerals to 100
- Round numbers to the nearest 10, 100, and 1,000
- Add and subtract mentally (1s, 10s, 100s, 1,000s)
- Add 4-digit numbers (no exchange, one exchange, multiple exchanges)
- Subtract 4-digit numbers (no exchange, one exchange, multiple exchanges)

What words will I use?

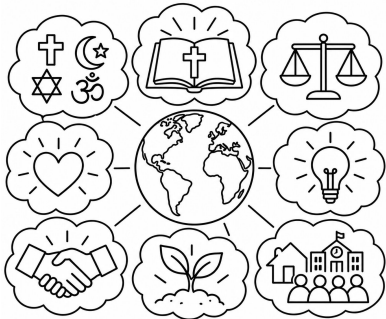
add
subtract
difference
more / less / fewer
increase / decrease
mental calculation
written method
column addition / column subtraction
regroup / exchange / borrow / carry
estimate
check
inverse
equals (=)
efficient method

Autumn 1	<u>English</u>	
	<u>Key text: Marcy and the riddle of the Sphinx/ Call Me Lion</u>	
	What will I learn? • To describe settings and characters in narratives. • To use fronted adverbials. • To punctuate direct speech. • To write a non-chronological report • To use organisational devices when writing (headings and subheadings). • To edit and improve writing.	What writing features will I use? Synonyms Show, don't tell Suspense and tension Fronted adverbials Inverted commas Headings / subheadings

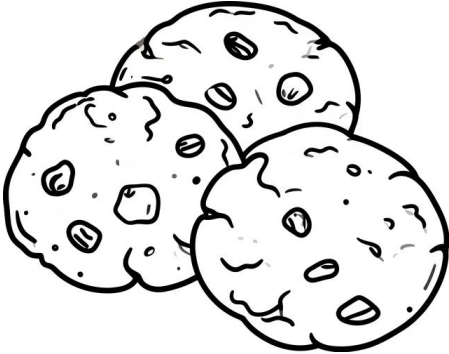
Autumn 1	History	
Enquiry:	Ancient Egypt: What changed in 3000 years?	
	What will I learn? • To understand the term civilisation and recognise worldwide ancient civilisations. • To describe where and when the Ancient Egyptians lived and explain why the River Nile was important for them. • To describe how the kingdoms of Egypt changed over time. • To describe Howard Carter's great discovery of the tomb of Tutankhamun. • To describe what Ancient Egyptian writing looked like and explain how it changed over time. • To explain how some aspects of the way Ancient Egyptians treated dead bodies changed, whilst others stayed the same. • describe how much things stayed the same across 3,000 years of Ancient Egyptian history.	What words will I use? Civilisation Ancient Egypt Nile Kingdom Pharaoh Dynasty Tomb Discovery Tutankhamun Howard Carter Hieroglyphics Papyrus Mummy Embalm Sarcophagus Pyramid Afterlife Temple Archaeologist

Autumn 1	PSHE	
Enquiry:	<u>Meet Your Brain</u>	
	What will I learn? • To train my mind to focus on what I want. To understand that this is called Neuroplasticity, and that my brain can grow and change. To use each part of Team H-A-P (Hippocampus, Amygdala, Prefrontal Cortex) and think about when I use them. • To understand how my Amygdala reacts when I feel in danger – by fighting, running away, or freezing. To notice what triggers my Amygdala, and to practise ways to calm it down. To know how my brain is built and how neurons carry messages to make neural pathways. • To explain how neural pathways help me to build habits. • To understand how to look after my brain and what might happen if I don't. • To describe how my mind can feel like a snow globe that's been shaken, and how to help it settle.	What words will I use? • Brain • Cells • Hippocampus • Amygdala • Prefrontal • Cortex • Mind • Focus • Neuroplasticity • Neuron • Neural • Pathway • Happy Breathing • 'Fight, Flight, Freeze', • Oxygen • Real Danger, Perceived Danger • Trigger

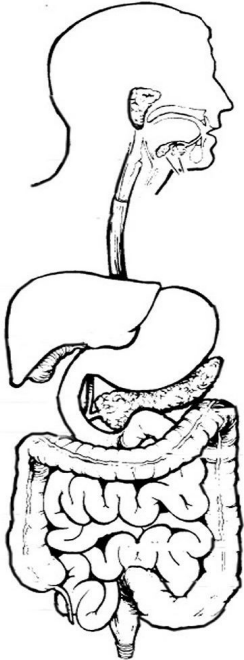
Autumn 1	<u>Computing</u>	
Enquiry:	<u>World Wide Web</u>	
	What will I learn?	What words will I use?
	• Understand that the internet is a network of networks and how information is shared. • Recognise that the World Wide Web is part of the internet, containing websites and web pages. • Know how websites and media are stored, accessed, and created online. • Understand that people create and own web content, and that rules protect this content. • Learn to question the reliability of online information and make careful choices before sharing.	Internet Network World Wide Web (WWW) Website Web Page Server Content Copyright Reliable Source Sharing Online

Autumn 1	RE	
Enquiry:	What is Good and What is Evil?	
	<u>What will I learn?</u> • To understand that people may have different ideas about what is right and wrong, depending on their experiences, beliefs and point of view. • To understand that different people and experiences influence what we believe is right and wrong, and that these influences help shape our worldview. • To understand that Christians believe God gives people free will, but that wrong choices can damage relationships with God and others. • To understand how Christian beliefs and Jesus' teachings can guide Christians when making choices in everyday life. • To understand that people with different worldviews may make similar choices about right and wrong, but for different reasons. • To understand that different worldviews can influence ideas about good and evil, and that we should respect the beliefs and choices of others.	<u>What words will I use?</u> Worldview Belief Good Evil Choice Free will Sin Christian Humanist Bible Morals Respect

Autumn 1	<u>Music</u>	
Enquiry:	<u>Ukuleles</u>	
	What will I learn? • Chord Progressions and new chords • Strumming patterns • Fingerpicking techniques • To read music • To play songs	What words will I use? Pitch Tempo Dynamics Chord Body Neck Frets Tuning pegs Bridge Sound hole Strings

Autumn 1	DT	
Enquiry:	<u>Cooking: Adapting a recipe</u>	
	What will I learn? • Describe different types of biscuits, including their packaging, taste and texture. • Explain how biscuits are made for certain target audiences. • Order and follow a recipe, using the correct equipment for each step. • Prepare food safely and hygienically. • Explain how a biscuit is meant to look and how the ingredients and the shape improve the biscuit. • Design a biscuit for a target audience and adapt a recipe using the design ideas. • Choose ingredients for the new recipe, within a budget. • Evaluate biscuits using the design criteria and give feedback, suggesting improvements.	What words will I use? Biscuit Ingredients Recipe Equipment Hygiene Texture Taste Appearance Target audience Design Budget Evaluate

Autumn 1	<u>French</u>	
Enquiry:	<u>Phonetics and Fruits</u>	
	What will I learn? • Learn and practise key French phonemes to support accurate and authentic pronunciation. • Join in with songs and use a mouth mechanics guide to improve pronunciation. • Learn the names of 10 fruits in French. • Be introduced to simple opinions: j'aime / je n'aime pas. • Use this knowledge to say which fruits they like and do not like in French.	What words will I use? une pomme – an apple une poire – a pear une banane – a banana une fraise – a strawberry une orange – an orange un kiwi – a kiwi un ananas – a pineapple un raisin – a grape une cerise – a cherry une pastèque – a watermelon j'aime – I like je n'aime pas – I do not like

Autumn 1	<u>Science</u>	
Enquiry:	<u>Teeth and Digestion</u>	
	What will I learn? • Identify different types of human teeth and their functions. • Understand how to keep teeth healthy and why dental hygiene matters. • Describe the main parts of the human digestive system and their functions. • Explain how food is broken down and absorbed during digestion. • Compare human teeth with those of herbivores, carnivores, and omnivores. • Use scientific vocabulary to talk about teeth, diet, and digestion. • Carry out simple investigations and record findings. • Recognise the importance of a balanced diet for healthy teeth and digestion.	What words will I use? Incisors Canines Molars Premolars Chewing Biting Grinding Cutting Tearing Digestion Enamel Decay Plaque Milk teeth / baby teeth Adult teeth / permanent teeth Cavity Dentist