

Maths

Column Addition and Subtraction: Add and subtract 4-digit numbers using the column method; solve problems using the column method; use strategies to check calculations

Numbers to 10,000: Know how 1,000 can be composed in different ways; know the value of each digit up to 5 digits; compare and order 4-digit numbers; round numbers to the nearest 10, 100 and 1,000; use efficient mental strategies to add and subtract

Perimeter: Know perimeter is calculated by adding the sides of a 2D shape; know the perimeter of a rectangle or regular polygon can be calculated by addition or multiplication

3, 6, 9 Times Tables: Explain the relationship between adjacent multiples of 6 and adjacent multiples of 9; explain the relationship between multiples of 3 & multiples of 6 and 9

RE

Creation and Covenant:

The Call of Abraham; God's covenant with Abraham; Abraham and Sarah and their journey to a great nation; Abraham and Isaac; Joseph the teenager; Joseph and his family

Prophecy and Promise:

The Prophet Elijah; Elijah on Mount Carmel; John the Baptist; Advent; the Ancestry of Jesus; Joseph, the Foster Father of Jesus

Other Faiths: Judaism: To know Jews believe in One God and make links between this belief and scripture; to understand how the Jewish people express their love of God; to describe the role of a Rabbi and how they fulfil their role; to understand the importance of the Torah; to describe the significance of God giving Moses the 10 commandments; to understand the importance of Bar/Bat Mitzvahs

Values – Faith-filled and Hopeful; Eloquent and Truthful

English

Ready Steady Read Together: FICTION: Stories from Around the World; the Girl Who Stole an Elephant; the Song Walker; the Last Bear; NON-FICTION: Atlas of Ocean Adventures; the Travel Book; Quiz Yourself Clever; POETRY: Poems from a Green and Blue Planet; Love That Dog; Where Zebras Go

Ready Steady Write: The Whale (Narrative & Newspaper Report – alternative nouns; expanded noun phrases; speech punctuation; was or were; similes; newspaper report vocabulary; present perfect tense; using synonyms; using different nouns) Nen and the Lonely Fisherman (Narrative – difference between plural and possessive -s; modifying adjectives, preposition phrases expressing time, place and cause; The Barnabus Project (Explanation – fronted adverbials; commas after fronted adverbials; appropriate pronouns or nouns)

Ready Steady Spell: suffixes; words with the spellings sc, ch, ei, igh and ey; endings spelt tion, sion, ssion and cian; silent letters; possessive apostrophe; homophones and near homophones

History

How have children's lives changed over time?

Make inferences and deductions from primary and secondary sources; explain why Tudor children needed to work and identify the jobs that Tudor and Victorian children had; evaluate Lord Shaftesbury's significance to children's lives; explore the changes to children's leisure times using a range of sources; investigate the diseases children caught and their treatments in the Tudor and Victorian times; infer the thoughts and feelings of evacuees using different sources

Geography

Why are rainforests important to us?

Describe and give examples of a biome and find the location and some features of the Amazon rainforest; describe the characteristics of each layer of a tropical rainforest; understand the lives of indigenous peoples living in the Amazon rainforest; describe why tropical rainforests are important and understand the threats to the Amazon; understand how local woodland is used using a variety of data collection methods; analyse and present findings on how local woodland is used; create a sustainability action plan by investigating how resources are used in the school.

Spanish

Sentences describing clothing preferences and justification using 'because'. Expressing preferences about different leisure activities.

Family members (revision) and incorporating them into sentences about hobbies.

PSHE

Being Me in My World: Understand that my attitudes and actions make a difference to the class; understand who is in my school community, the roles they play, how I fit in and how I can contribute; understand how democracy works through the school council; understand that my actions affect myself and others and to care about other people's feelings and try to empathise with them; understand how groups come together to make decisions; understand how democracy and having a voice benefits the school community

Celebrating Difference: Understand that, sometimes, we make assumptions based on what people look like and understand what influences us to do this; know that sometimes bullying is hard to spot; know why witnesses sometimes join in with bullying and sometimes don't tell; identify what is special about me and value the ways in which I am unique; discuss a time when a first impression of someone changed when I got to know them

FOREST SCHOOL LIFE SKILLS: Learn basic knots and lashings; use a bow saw



Year 4 Topic Web Autumn Term



Science

Electricity: identify common appliances that run on electricity; construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers; identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery; recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit; recognise some common conductors and insulators, and associate metals with being good conductors.

Sound: identify how sounds are made, associating some of them with something vibrating; recognise that vibrations from sounds travel through a medium to the ear; find patterns between the pitch of a sound and features of the object that produced it; find patterns between the volume of a sound and the strength of the vibrations that produced it; recognise that sounds get fainter as the distance from the sound source increases.

P.E.

Swimming: Swim competently, confidently and proficiently over a distance of at least 25 metres; bring control and fluency to at least one recognised stroke; implement good breathing techniques to allow for smooth stroke patterns.

Tag Rugby: Develop in-game skills including; a range of passing and control, dribbling at different speeds, marking techniques and tackling.

Music

Mamma Mia: Listen to and appraise various ABBA songs; learn to sing Mamma Mia; learn to play some basic instrumental parts.

Glockenspiel: Stage 2: Learn to read, play and compose using the notes C, D, E, F, & G on a glockenspiel.

Computing

Learn to use visual programming for game-making; learn the significance of key terminology – sequence, background, record, interact, trigger; use Scratch Junior to create games using visual code

DT/Art

Structure: Create a range of different shaped frame structures; design & build a frame structure; add cladding to a frame structure.

Drawing: Draw using tone to create a 3D effect; explore how combining lines and mark making can show texture and tone in drawings; understand proportion by observing how it is used in artwork; understand what is an effective composition in art; apply an understanding of texture, tone and proportion in a drawing; create a collaborative piece of art inspired by an artist.