

Maths

Calculating using knowledge of structures

Calculate the value of a missing part. Use the 'same sum' rule to balance equations. Solve calculations with missing addends. Use the 'same difference' rule to balance equations.

Multiples of 1000

How is 10,000 composed? How is 100,000 composed? Read & write numbers up to 1 million.

Multiples of 1000

Place six-digit multiples of one thousand multiples on a number line. Read scales in graphing & measure contexts.

Numbers up to 10,000,000 – place value

Compose 7- or 8-digit numbers using common intervals. Recognize and create numbers that contain place holding zeros. Determine the value of digits in numbers up to tens of millions.

Draw, compose & decompose shapes

3D shapes are composed from 2D nets. The area remains the same on decomposed 2D shapes. Shapes with the same area can have different perimeters.

History

What does the census tell us about our local area? use the census to make inferences about people from the past. use the census to investigate how the lives of people in the past changed. use primary sources to find out about the working conditions of children in factories. reconstruct the lives of people in a household using the census. compare census returns and identify continuities and changes in a household.

Geography

Why does population change? understand the change and distribution of the global population. define birth and death rates and describe why they change. recognise the push and pull factors influencing migration. begin to understand the impact climate change can have on the global population. collect data showing how population impacts the amount of traffic and litter in an area. write a report on the fieldwork process, analyse findings and make suggestions to improve a situation.

PSHE

Being Me in My World: I feel welcome and valued and know how to make others feel the same. I understand my own wants and needs and can compare these with children in different communities.

Celebrating Difference: I can empathise with people who are different. I am aware of my attitude towards people who are different.

FOREST SCHOOL LIFE SKILLS: Cooking banana, chocolate and cookie dough.

Spanish

Sentences describing clothing preferences and justification using 'because'.

Sentences beginning with: When I go to school or when I go to church, I wear.... Expressing preferences about different leisure activities.

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

RE

CREATION AND COVENANT: The children will explore the story of creation, as well as the concept of original sin. They will study *Laudato Si'*, reflecting on care for the world, and learn about the Sacrament of Baptism. The unit also covers the Nicene Creed, helping them understand the foundations of Christian belief, and the relationship between science and religion.

PROPHECY AND PROMISE: They will explore the role of important women in the Bible, including Sarah, Miriam, Deborah, Hannah, Esther, and Mary, Mother of God. They will also reflect on how these figures lived out God's promise and consider modern examples of faith in action, such as the Missionaries of Charity.

JUDAISM: Know that Yom Kippur is making a new start; show understanding of how the Jewish people atone for sin; express a point of view based on a religious belief (Yom Kippur)

Values: Eloquent and Truthful

Year 6 Topic Web



Autumn Term

English

Reading Together Time: The Butterfly Lion - Michael Morpurgo, The Listeners (Poem) – Walter de La Mare
Grammar and Punctuation: Ready to Write; Synonyms and Antonyms; Word Classes; Subjunctive Form

Spelling: Homophones and tense

The Write Stuff Units: Story: Narrative: Window; Non-Fiction: Postcard from a Fairy Tale Character; Newspaper Report: Goldilocks; Explanation: Circulatory System

Art

Craft and Design: Create an effective photomontage advertising poster; apply understanding of abstract art through photography; demonstrate an understanding of design choices made for effect using digital photography techniques; design and recreate a famous painting; demonstrate observation and proportion to create art in a photorealistic style

D&T

Textiles: Design a waistcoat; mark and cut fabric according to a design; assemble a waistcoat; decorate your waistcoat.

Music

Listen and appraise the song Happy and other songs in different styles about being happy: We will learn to sing in 2 parts. Learn and/or build on your knowledge and understanding about the interrelated dimensions of music. Perform and share your learning as you progress through the Unit of Work.

Science

Light

Recognise that light appears to travel in straight lines. Use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye. Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes.

Electricity

associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches. Use recognised symbols when representing a simple circuit in a diagram.

Computing

Solving Problems with Algorithms:

Learn to write more complex algorithms; develop an understanding of decomposition, iteration and selection; create more complex programs to solve specific problems.

P.E.

Swimming: Swim competently, confidently and proficiently over a distance of at least 25m. Bring control and fluency to at least one recognized stroke. Implement good breathing techniques to allow for smooth stroke patterns.
Invasion Games: Apply aspects of fitness to the game such as power, strength, agility and coordination. Choose and implement a broader range of strategies to play defensively and offensively. Grasp more technical aspects of the game. Observe, recognise and analyse good individual and team performances.