

Maths

Multiplication and Division

Partitioning, leading to short multiplication/division; multiply 3 or more numbers

Area

Understand the concept of area; link area of rectangles to multiplication; compare and describe measurements using knowledge of multiplication and division

Calculating with Decimal Fractions

Multiply and divide by 10, 100 and 1000; convert units of length, mass and capacity; multiply tenths and hundredths with whole numbers; multiply 1-digit numbers by decimals; divide decimal fractions by 1-digit numbers

Understand the Concept of Volume

Describe units used to measure volume; explain how to calculate the volume of a cuboid and cube; calculate the volume of compound shapes; solve problems using volume

RE

GALILEE TO JERUSALEM:

The Sermon on the Mount; St. Joseph Bakhita; The Great Commandment; The Prodigal Son; The Transfiguration; The Our Father

DESERT TO GARDEN:

Temptations in the Desert; Lent and the Mass; Ash Wednesday Mass; The Last Things; The Sorrowful Mysteries of the Rosary; Easter Sunday

Values: Curious & Active and Intentional & Prophetic

English

Reading Together Time: Rooftoppers by Katherine Rundell
Grammar and Punctuation: Key grammar terminology, including determiners and fronted adverbials; three tense forms and modal verbs

Spelling: Noun suffixes, letter strings and homophones

Write Stuff Units: Story - The Piano (narrative); Persuasion - 'Kick'

D&T

Mechanical Systems - Making a pop-up book: Produce a plan for each page, produce the structure of the book; assemble the components for all the required structures/mechanisms; use a range of mechanisms and structures to illustrate the story; use layers to hide mechanical elements

Art

Drawing - I Need Space: Understand and explain what retrofuturism is; evaluate images; provide plausible suggestions for how a piece was created; use a different stimulus to draw from; select and place textures to create a collagraph plate apply skills to make an effective collagraph print

Music

Make You Feel My Love: Style - Pop Ballad AND The Fresh Prince of Bel Air: Style - Old School Hip Hop

Listen/appraise; build on knowledge of interrelated dimensions of music; learn to sing the song; play instrumental parts by ear and/or from notation; improvise; perform

History

What did the Greeks ever do for us? Understand where and when the ancient Greeks lived; understand the importance of the Greek gods; identify similarities and differences between Athens and Sparta; understand how Athenian democracy worked; understand the importance of the ancient Greek philosophers; identify and explain the achievements of the ancient Greeks

Geography

Why do oceans matter? Explain the importance of our oceans; locate and describe the significance of the Great Barrier Reef; explain the impact humans have on coral reefs and oceans; understand ways to keep our oceans healthy and begin planning a fieldwork enquiry; collect data on the types of litter polluting a marine environment; present, analyse and evaluate data collected



Year 5 Topic Web Spring Term



Science

Properties and Uses of Material

Compare and group materials; explain why certain materials are chosen for particular purposes; explore the properties of materials; explore insulation; understand what it means for a material to be absorbent, permeable or waterproof

Separating Mixtures and Changing Materials

Understand how we can separate mixtures; say what happens when we mix liquids and solids; say what makes a difference to how quickly sugar or salt dissolves; explain how we could clean contaminated water; understand reversible and irreversible changes

PSHE

Dreams and Goals Know that I will need money to help me achieve my dreams; know about a range of different jobs and about how much people earn; know a job I would like to do and what I need to do to achieve it; know about the dreams and goals of young people in a culture different to mine; know that communicating with someone in a different culture means that we can learn from and support each other; know some ways that I could support young people at home and abroad to achieve their goals

Healthy Me Know the health risks of smoking and alcohol and how these effect the body; know some basic emergency aid procedures and how to get help in an emergency; know how the media, social media and celebrity culture promote certain body types; know the different roles that food can play in people's lives and how people can develop eating problems; know what makes a healthy lifestyle and the choices I can make to be healthy and happy

Spanish

Describe rooms in the house and how they are furnished; express opinions about our own bedroom; listen carefully to authentic Spanish children and adults in the series 'La Tienda de Luis'; understand how Spanish spread around the Hispanic world; learn the names of the Spanish speaking countries.

Computing

Computer Systems and Networks: Understanding key words; saving work from an online source; search the internet to find images, information and data.

The History of Computing: Explore older and more modern devices that have shaped computing.

P.E.

Dance Use transitions to link movements together smoothly; use spatial awareness and demonstrate this skill effectively in dance; demonstrate an ongoing motif throughout a dance; demonstrate variations in timing throughout a dance; use strong, expressive movements; combine movements to create a fluent sequence

Gymnastics Accurately perform: a cat leap, full turn and stag leap; a dive forward roll and a pike backward roll; a straddle over vault; a round-off. Independently plan a sequence of gymnastics movements that are creatively linked together