

Maths

7 times table and patterns

Identify patterns of odd and even numbers in the times table

Represent a square number

Knowledge of divisibility rules to solve problems

Understanding & manipulating multiplicative relationships

Partition factors in a multiplication equation in different ways using representations

Use the distributive law to calculate products beyond known facts

Explain why zeros can be added or removed when multiplying/dividing by multiples of 10

Understanding & manipulating multiplicative relationships

Scale known multiplication facts by 100

Scale division derived from multiplication facts by 100

Coordinates

Move objects on a grid using directions

Describe translations

Mark the position of points specified by coordinates in the first quadrant

Draw polygons specified by coordinates in the first quadrant

Translate polygons in the first quadrant

RE

Galilee to Jerusalem:

Understand how Jesus worked miracles; discuss the message

Jesus sent to John the Baptist; explain what the word 'Christ' means; know and understand the sacrament of reconciliation is a gift from God; know and understand about the sacrament of the sick; know and retell the story of St Damien of Molokai.

Desert to Garden:

Understand and retell the parable of the lost Son and The Sheep and Goats; understand and know the work of St Vincent De Paul; understand what the Holy Week is and why it is important to Christians; retell the story of the Last Supper; sequence the events of Holy Week.

VALUES: Curious & Active and Intentional & Prophetic

English

Reading Together Time: Five Children and It by E. Nesbit & The Firework-Maker's Daughter by Phillip Pullman

Grammar and Punctuation: Tense Forms: simple, Progressive and Perfect Apostrophes and Speech Punctuation

Spelling: Noun and adjective suffixes

The Write Stuff Units: Poem The River by Valerie Bloom & Charlie and the Chocolate Factory by Roald Dahl

D&T

Mechanical Structure: Learn to produce an accurate, functioning car chassis; learn how to reduce air resistance through the design of the shape.

Art

Painting: Investigate different ways of applying paint; use tints and shades to give a three-dimensional effect; explore how paint can create very different effects; consider proportion and composition when planning a still-life painting.

Music

Livein' on a Prayer: Style - Rock: 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 compositions
Classroom Jazz 1: Listen & appraise; play notes G, A & B + D, E, G, A & B; improvise in Bossa Nova style; improvise in swing style; compose; perform

History/Geography

How hard was it to invade and settle in Britain?

Understand why the Anglo-Saxons invaded Britain; identify the features of Anglo-Saxon settlements and how they changed from prehistoric times; make inferences about who was buried at Sutton Hoo and Anglo-Saxon life; understand how Anglo-Saxons converted to Christianity; create an interpretation of Alfred the Great; understand how Anglo-Saxon rule ended.

Where does our food come from?

Identify that different foods grow in different biomes and explore both the positive and negative impacts of food production and distribution; describe the intentions around trading responsibly and describe the journey of a cocoa bean; identify and locate countries on a map; use a scale bar to measure approximate distances.



Year 4 Topic Web Spring Term



Science

States of Matter:

Classify materials as solids, liquids or gases by observing their properties; plan a fair test investigation to test ideas about melting ice and collect; interpret and present data about our findings.

Define melting, boiling, evaporating and condensation; link our learning to our previous geography topic on the water cycle and rivers.

PSHE

Dreams and Goals

Explore our hopes and dreams and learn to understand that they don't always come true; learn how to set new plans and goals even if we have been disappointed; learn how to work as part of a successful group.

Healthy Me

Learn about different group dynamics and how there are both leaders and followers in groups; explore our own roles in groups and how we fit in too; learn facts about smoking and drinking alcohol and their effects on health.

Spanish

Describe rooms in the house, how they are furnished and 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

Online Safety

Learning about how to stay safe online; understand how companies encourage us to buy online; explain what a bot is.

Data Handling

Log data in a spreadsheet; understand how weather forecasts are made and design an automated machine to respond to sensor data

P.E.

Hockey: Develop flexibility, strength, technique and balance in the context of passing and receiving in hockey; dribble with the ball in hockey; apply the hockey skills I have learnt in a game.

Dance: Perform dances using a range of movement patterns in the context of the Roman Empire; compose and perform movement sequences with expression; perform a dance with precision and control.