

Maths

Right Angles: Rotate 2 lines around a fixed point to make different sized angles; drawing triangles and quadrilaterals and identify vertices; learn a right angle is a square corner and identify them in the environment; learn a rectangle is a 4-sided polygon with four right angles; learn a square is a rectangle in which the 4 sides are equal length; cut rectangles and squares on the diagonal and investigate the shapes they make; join four right angles at a point using different right-angled polygons.

Manipulating the Additive Relationship and Securing mental calculations: Add 2 3-digit numbers partitioning and adjusting; add a pair of 2 or 3-digit numbers using redistribution; subtract a pair of 2-digit numbers crossing ten or hundred boundary; evaluate the efficiency of strategies for subtracting from a 3-digit number; explain addition and subtraction order in a multi-step problem; accurately and efficiently solve multi-step addition and subtraction problems; Understand and explain both addition and subtraction equations can be used to describe the same additive relationship; rearrange equations; identify what is known and unknown in an equations; rearrange equations before solving.

Column Addition: identify addends and the sum in column addition; correctly lay out column addition; add a pair of 2-digit numbers using column addition; add using column addition; solve problems with column addition; regroup in the ones and tens column to add 2-digit numbers; use column addition with regrouping; accurately and efficiently calculate and check column addition.

2, 4- and 8-times tables: represent counting in fours and eights; solve problems using fours; explain relationship with adjacent fours; explain relationship with 2, 4- and 8-times table and solve problems; use knowledge of the divisibility rules for divisors of 2, 4 and 8 to solve problems, scale known multiplication facts by 10; and scale divisions derived from multiplication facts by 10.

Column Subtraction: identify minuend and the subtrahend in column subtraction; explain column subtraction algorithm; subtract from a 2-digit and 3-digit number using column subtraction while exchanging tens to ones and hundreds to tens; evaluate the efficiency of strategies for subtraction.

Why did the Romans settle in Britain?

We will explore the meaning of empire and invasion and explain why the Romans needed a powerful army. We will be able to explain how the Roman army was organised and perform simple manoeuvres and drills as well as understand the consequences of the Roman invasion of Britain.

Geography

Who lives in the Antarctica?

We will: understand the position and significance of lines of latitude, describe the location and physical features of Antarctica, describe the human features of Antarctica, use four-figure grid references to plot Shackleton's route to Antarctica, plan a simple route on a map using compass points and follow instructions involving compass points and map a simple route.

PSHE

We will learn about our **Dreams and Goals**, how to overcome challenges, being responsible for our own learning, identify our own strengths and how to evaluate our choices and goals.

We will also learn about **Healthy Me**, knowing how exercise affects our body, understanding the importance of our organs, how to have a balanced diet, identifying different drugs, understand risk and danger, and know how to keep care of our bodies.

Spanish

- I can talk about which hobbies I enjoy - with whom, where and why.
- I can ask my classmates about their hobbies using the question words: why, with whom, when and where.
- I can express opinions about school subjects.

RE

Galilee to Jerusalem:

Retell in any form, the visit of the Magi, show a simple understanding of what the Kingdom of God is, show knowledge of two parables of Jesus, making links between them to show some understanding of what the kingdom of God is like, retell the Parable of the Sower, show a simple understanding of a miracle of Jesus showing that it is a sign of the Kingdom and the compassion of Jesus, recall the 'Our Father' prayer and make simple links between the prayer and building the kingdom, know and understand about Therese's mission, identify ways in which Therese can inspire young people today.

Desert to Garden:

Retell in any form the story of feeding of the 5000, know that this miracle helps us to understand that Jesus is truly God and truly human, explain the link between the Last Supper and feeding the 500, retell the events of Holy week and understand the importance of the Last Supper, understand the various parts of the Mass, recognise that the Church teaches that the Eucharist is the meeting point where God gives himself to communicants as food; they receive the Body of Christ and become united in His Body the Church, retell the parable of the Lost Sheep and understand that God loves everyone, understand the significance of the sacrament of reconciliation. OUR VALUES: Compassionate & Loving / Faith-filled & Hopeful

Blue Lagoon Class - Spring



Science

Plants

We will: describe what we know about the different parts of plants, ask questions about plants for further investigation, make detailed observations of the similarities and differences in a variety of leaves, relate these to the function of leaves, plan and set up a fair test investigation to find out the effect of removing leaves from a growing plant, describe in detail the similarities and differences in a variety of roots, relate these to the function of roots, present information about the functions of the stem, name the main stages of a flowering plant's life cycle, present them in a sequenced diagram, identify and compare the parts of flowers and describe their functions, describe and model the process of insect pollination, and demonstrate understanding of seed dispersal by designing a seed.

English

Reading Together Time Texts: The Midnight Fox by Betsy Byars and The Tunnel by Anthony Browne.

Grammar and Punctuation: Adverbs, Prepositions, Speech and Tenses.

Spellings: 'ai' and 'ei' digraphs, 'ey' makes an 'ai' sound, the 'ly' suffix and homophones (Half-term 1). Words ending in 'al' or 'le', adding 'ly' when the root word ends in 'le', adding 'ally' when the root word ends in 'ic' and adding 'ly' when the root words do not follow the spelling pattern (Half-term 2).

The Write Stuff: Flood (Story-Narrative), Persuasion – Christmas Dessert Social Media Post and My Strong Mind (Instruction).

ART/DT

Craft and Design: Ancient Egyptian Scrolls

The children will recognise the importance of Egyptian Art, create a background, produce a selection of different sketches and following minimal instruction the children will create a final design and design a zine that has a collection of images and photos around a subject.

Digital World: Wearable Technology

The children will recognise the function of a product, develop a criterion for subject use, write a program that includes a flashing LED program, create a drawing of a product what a final piece may look like, describe what is meant by 'point of sale display', create a POS badge and evaluate their design.

P.E. Dance

The children are learning skills to perform different dances using a range of movement patterns in the context of creating a dance inspired by rainforests.

Racket games

The children will build on skills such as running, jumping, throwing and catching in isolation and in combination to develop their flexibility, strength, technique, with the final outcome of being able to play a competitive game of tennis.

Computing

Online Safety: understand how the internet can share beliefs and views, how the internet can affect our wellbeing, the sharing of personal information and how to be safe online.

Data Handling, Comparison Cards and Databases: understand database terminology, sorting data for a purpose, compare paper and computerised databases. sort. filter and interpret data and represent it in different ways.

Music

The children will learn to sing the songs Three Little Birds and the Dragon Song, taking the styles of Reggae and international funky music. They will lay instrumental parts for these songs, improvise using voices and instruments, perform compositions in the song and prepare for an end of unit performance.