

Maths

Year 6 Unit 1 Number and Place value (Yr6) (Yr5)

Numbers to 1,000,000
Numbers to 10,000,000
Partition numbers to 10,000,000
Powers of 10
Number line to 10,000,000
Compare and order any number
Round any number
Negative numbers

Year 5 Unit 1 Number and Place value

Roman numerals
Numbers to 10,000
Numbers to 100,000
Numbers to 1,000,000
Read and write 5- and 6-digit numbers
Powers of 10
10/100/1,000/ 10,000/100,000 more or less
Partition numbers to 1,000,000

Year 6 Unit 2 Number – addition, subtraction, multiplication and division

Add integers
Subtract integers
Problem solving – addition and subtraction
Common factors
Common multiples
Rules of divisibility
Primes to 100
Square and cube numbers

Year 5 Unit 2 Number and place value

Number line to 1,000,000
Compare and order numbers to 100,000
Compare and order numbers to 1,000,000
Round numbers to the nearest 100,000
Round numbers to the nearest 10,000
Round numbers to the nearest 10, 100 and 1,000

Year 6 Unit 3 Number Addition and subtraction

Multiply by a 1-digit number
Multiply up to a 4-digit number by a 2-digit number
Short division
Division using factors
Divide a 3-digit number by 2-digit (long division)
Divide a 4-digit number by 2-digit (long division)
Long division with remainders
Order of operations
Brackets
Mental calculations
Reason from known facts

Year 5 Unit 3

Mental strategies
Add whole numbers with more than 4 digits
Subtract whole numbers with more than 4 digits
Round to check answers
Inverse operations (addition and subtraction)
Multi-step addition and subtraction problems
Solve missing number problems
Solve comparison problems

Geography

What is life like in the Alps?

Where are the Alps?
What is it like in the Alps?
Why do people visit the Alps?
What is there to do in our local area?
How are the Alps different from our local area?
What is life like in the Alps?

Literacy

Harriet vs the Galaxy

To use fronted adverbials

To use the correct tense consistently

To use speech

To use parenthesis

Outcomes

Children will create their own first person narrative story orienteering

Children will create their own fact file for a planet and alien species

Non chronological report on the Alps

To use pronouns to avoid repetition

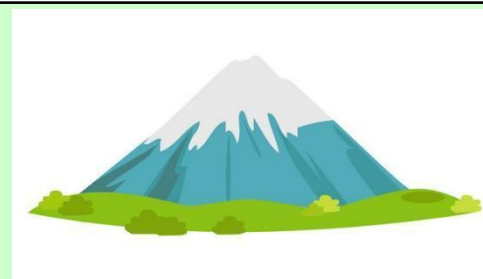
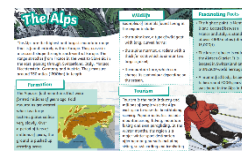
To use relative clauses.

To use colons for a list

To use parenthesis

Outcomes

Children will create their own non-chronological report on the Alps.



Year 5/6 | Autumn Term 1 | Ain't no mountain high enough

Music

What shall we do with the drunken sailor?

Compose body percussion patterns to accompany a sea shanty. Write these out using rhythm grids.
Keep the beat playing a 'cup' game.
Sing a sea shanty expressively, with accurate pitch and a strong beat.
Sing in unison while playing an instrumental beat (untuned).
Play bass notes, chords, or rhythms to accompany singing.
Talk about the purpose of sea shanties and describe some of the features using music vocabulary.

Religious Education

Why do Hindu's want to be good?



Physical Education

Orienteering and swimming.



Computing:

Online safety



To gain a greater understanding of the impact that sharing digital content can have.
To review sources of support when using technology and children's responsibility to one another and online behaviour.
To know how to maintain secure passwords.
To understand the advantages, disadvantages, permissions and purposes of altering an image digitally and the reasons for this.
To be aware of appropriate and inappropriate text, photographs and videos and the impact of sharing these online.
To learn about how to reference sources in their work.
To search the Internet with a consideration for the reliability of the results of sources to check validity and understand the impact of incorrect information.
To ensure reliability through using different methods of communication

Personal, Social and Emotional Development

Families and relationships

Learning that families are varied and differences must be respected; understanding physical and emotional boundaries in friendships; exploring: the roles of bully, victim and bystander; how behaviour affects others; manners in different situations and learning about bereavement

Science

SPACE



In this unit children will investigate about space. This will include describing the movement of the Earth and other planets, relative to the sun in the solar system. Describing the movement of the moon relative to the Earth. Describing the Sun, Earth and Moon as approximate spherical bodies. Being able describe the Earth's rotation to explain day and night due to the apparent movement of the sun across the sky. Being able describe the movement of the moon relative to the Earth. Furthermore, they will take part in practical science investigations which they will plan and gather results and conclusions from.

Art

Drawing: I need space

Understand and explain what retrofuturism is.
Participate in discussions and offer ideas.
Evaluate images using simple responses, sometimes using formal elements to extend ideas.
Provide plausible suggestions for how a piece was created.
Comfortably use different stimuli to draw from.
Use past knowledge and experience to explore a range of drawing processes.
Select and place textures to create a collagraph plate, applying an understanding of the material, which may be supported by testing.
Create a selection of drawings and visual notes that demonstrate their ideas using sketchbooks.
Generate a clear composition idea for a final piece that shows how it will be drawn.
Apply confident skills to make an effective collagraph print.
Independently select tools and drawing techniques, with some guidance.
Demonstrate growing independence, discussing ways to improve work.