The Great British Isles

Summer 1 & 2

Year 5 and 6

Literacy:

- Performance poetry
- Explanation texts – newspapers and instructions.
- Recounts.
- Narrative unit– the water tower.
- Kensuke's kingdom – Michael morpurgo.

Science:

Properties and changes of materials

Compare and group materials, based on their properties. Explore and identify solids, liquids and gases, experiment with changes of state.

Evolution and inheritance

Recognising that living things have changed over time, understanding how animals and plants have adapted over time and exploring fossilisation.

Humanities

Throughout this topic the children will explore the formation and characteristics of landscapes and environments within the British Isles; developing their knowledge of how natural and human environments and process interlink and the effects that these have on people.

They will learn about;

- Collecting, analysing and communicating a range of data gathered through fieldwork.
- Interpreting a range of sources of geographical information such as; maps, diagrams, aerial photographs and Geographical Information Systems (GIS).
- The water cycle.
- The physical features of different water systems in the local area and in contrasting locations.
- The positive and negative effects that natural environments can have on communities.

ICT:

- Geocaching
- Data handling
- Controlling and monitoring changes in the environment.

WOW Day Experiences:

River walk

Fossil making

Den building

Art/DT:

- Watercolour.
- Designing and making bridges.
- Environmental art.

Maths Year 5:

- Use all four operations to solve problems involving money using decimal notation including scaling.
- Add, subtract, multiply and divide whole numbers with more than 4 digits, using the formal methods of columnar + & -, long multiplication for two-digit numbers and short division, interpret remainders appropriately for the context
- Solve problems involving converting between units of time.
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals. (Introduce in context of time).
- Complete, read and interpret information in tables, including timetables
- Recognise mixed numbers & improper fractions; convert from one form to the other; write mathematical statements > 1 as a mixed number [e.g. $^2/_5 + ^4/_5 = ^6/_5 = 1^1/_5$]
- Add & subtract fractions with the same denominator & denominators that are multiples of the same number.
- Multiply proper fractions & mixed numbers by whole numbers, supported by materials & diagrams
- Solve problems with numbers up to three decimal places.
- Solve problems which require knowing percentage and decimal equivalents of $^1/_2$, $^1/_4$, $^1/_5$, $^2/_5$, $^4/_5$ and those with a denominator of a multiple of 10 or 25.
- Solve problems involving x and ÷ including scaling by simple fractions & problems involving simple rates.
- Interpret and construct pie charts and use these to solve problems (Y6), solving problems which require knowing percentage and decimal equivalents of $^1/_2$, $^1/_4$, $^1/_5$, $^2/_5$, $^4/_5$ and those with a denominator of a multiple of 10 or 25.
- Recognise, describe and build simple 3-D shapes, including making nets.
- Compare and classify geometric shapes based on their properties and sizes (Y6).

Maths Year 6:

- Divide numbers up to 4 digits by a two-digit whole number using the formal written method of short division where appropriate, interpreting remainders according to the context
- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.
- Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example 1/4 x 1/2 = 1/8]
- Divide proper fractions by whole numbers [for example 1/3 ÷ 2 = 1/6]
- Associate a fraction with division and calculate decimal fraction equivalents [for example 0.375] for a simple fraction [for example 3/8]
- Calculate the area of parallelograms and triangles.
- Calculate, estimate and compare volume of cubes and cuboids using standard units, including centimetre cubed (cm3) and cubic metres (m3), and extending to other units [for example mm3 and km3]
- Generate and describe linear number sequences
- Express missing number problems algebraically
- Find pairs of numbers that satisfy number sentences with two unknowns
- Enumerate possibilities of combinations of two variables
- Interpret and construct pie charts and line graphs and use these to solve problems
- Calculate and interpret the mean as an average
- Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.
- Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius

Reading:

To learn a wider range of poetry by heart.

To prepare poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience.

Drawing inferences such as what I think a character is feeling, thinking and motives from their actions, and justifying inferences with evidence (giving reasons).

I can talk about the author's techniques and choice of words for describing characters, settings and actions.

Writing:

To choose the appropriate language for the text type I am writing.

I can select the appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning.

To use further organisational and presentational devices to structure text and to guide the reader (e.g. headings, bullet points, underlining)

To evaluate and edit assessing the effectiveness of my own and others' writing.

PE

To compare their performances with previous ones and demonstrate improvement to achieve their personal best.

RE: Y5 and 6 will be focussing on Transformation, and the power of the Holy Sprit, Healing and Stewardship.

Foreign Language:

The Great British Isles verses Peru

This term, year 5 and 6 will compare and contrast the United Kingdom and Peru. Linking closely to their topic, The Great British Isles, students will use geographical language in Spanish, to locate Columbia and the United Kingdom in the world. They will compare food, climate, culture and traditions between the two countries and gain an understanding of the differences between lives of children in Peru compared to lives of children in the United Kingdom.

Music – Percussion

- play and perform in solo and ensemble contexts using samba instruments., using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- listen with attention to detail and recall sounds with increasing aural memory.

Spiritual:

- Participation in Acts of worship
- Weekly Statement to live by
- Child led collective worship
- Class liturgies, class masses and year group masses at church
- Learn about other faiths
- Prayer partners
- Access to prayer group
- Chaplaincy team

Moral:

- r-time/PSHE/circle time
- E-safety awareness
- Mini leaders
- School council
- Charity events run
- Exploring issues surrounding global justice and citizenship
- Environmental sustainability- protecting our planet for future generations.

Social:

- Charity fundraising
- Golden skills
- Prayer partners
- Mini leaders
- Links with other schools through sports events, maths competition and poetry performance

Cultural:

- Explore other world faiths.
- Explore significant physical landmarks in Great Britain and contrasting locations.
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Golden Skills

Self belief

The children will explore how to have a positive attitude towards body image, recognising difference as a positive attribute.

Perseverance

The children will learn from the experience of significant figures who showed a good level of perseverance in order to achieve success.
They will look at their own learning behaviours and recognise situations in which perseverance is crucial in order for them to achieve their own goals.

Curiosity

The children will look at people who showed curiosity which resulted in significant discoveries and inventions which have influenced our lives and our culture.
Children will have opportunities to express curiosity within the classroom eg. through the wonder wall.

Communication

The children will develop a greater understanding of the importance of their ability to communicate effectively in different situations and in different forms.
They will explore non verbal communication and how this impacts on their learning behaviours.

Independence

The children will have access to and be encouraged to use different sources of information to strengthen their understanding of the term's topics. The children will explore figures who have demonstrated independence in order to be successful.

Aspiration

Throughout this topic, the children will explore the lives of key figures who have overcome barriers in order to achieve their goals.
The children will be encouraged to engage with questions regarding their own personal aspirations and to think about their own contribution to society.