

## Geography

- Locate the United Kingdom on a world map.
- Use a map to identify the continents.
- Explain the position of the equator and what this means in terms of climate.
- Describe what lines of latitude and longitude are and why these invisible lines are commonly discussed in geographical terms.
- Locate the Northern and Southern Hemispheres, the Tropics of Cancer and Capricorn on a world map and draw them on a blank earth template.
- Show an understanding of time zones and how lines of longitude and latitude help us to understand them.
- Discuss GMT and where this is on the world map.
- Identify features of our wonderful world (world's highest mountain, deepest river, largest continent, etc).
- Use an increasing geographical vocabulary with accuracy.

## Music

- Listen with sustained concentration to both live and recorded music.
- Recognise all the family groups within the orchestra and be able to name instruments within those families.
- Understand and appreciate the role of the conductor.
- Identify many of the structural and expressive aspects of music
- Discuss the impact of a piece of music, using musical terminology when answering.
- Be able to sing with control, accuracy, fluency and expression.
- Sing songs, maintaining their own part e.g. 2, 3 or 4 part songs
- Sing simple harmonies showing an awareness of others.
- Understand and be able to explain the importance of 'warming up' their voices and lead warm up activities
- Sing with articulation.
- Participate in improvisation sessions with confidence.

**By the end of the topic, our children will be able to... (Steps needed to reach end point)**

## R.E/ RSE

- To explain how we show love to those around us.
- Show an understanding of God's love for us.
- Make links between our beliefs about God's love and how this impacts upon our life choices.
- Describe what makes us special and different to our friends.
- Explain how we express our feelings and opinions.



# Identity

Year 6 Autumn term

## Computing

- To understand the SMART rules and how to follow them.
- To consider the effect of our digital footprint on the world.
- Understand the importance of being kind online and being aware of how our online presence is just as important as our physical presence.
- Be able to balance our time between electronic devices and real life.
- Use spreadsheets for real-life purposes (planning a party and totalling costs).
- Use formulae to work out the sum and to multiply quantities.
- To debug spreadsheets and fix formulae that is not working.
- Debug simple algorithms, justifying reasons for making changes.
- Create a simple quiz game using if/ then commands.
- Understand the function command and how to use it.

## Art/DT

- Pablo Picasso- research into his life and work. Look at examples of his art and state a preference. Consider the historical and cultural setting in which he worked.
- 'Isn't my name magical?'- using a poem as a stimulus to produce artwork based on children's names.
- Use pointillism, scratching and materials with different textures to create artwork.
- Use a sketchbook to record ideas, observations and designs.
- Evaluate work independently and with peer support.
- Produce a self-portrait in the style of Picasso.
- Identity collage – things that represent us (variety of media).
- Recreating patterns in a thumbnail.
- Look into market trends regarding existing products.
- Plan to produce an item that meets the needs of a certain demographic.
- Create a product in line with a design and evaluate it effectively.

## Literacy

- Unpick the features of autobiographies, identify the features and explain their purpose.
- Plan, draft, edit and redraft an autobiography using the appropriate grammatical structures.
- Use subheadings, chronology and cohesion to ensure writing flows.
- Produce a letter of complaint, using a formal tone, powerful, emotive language and the appropriate structure.
- Write an informal diary entry in the style of a character.
- Make use of dictionaries and thesauruses to up-level use of vocabulary and check spelling.
- Speech (school council election) using persuasive phrases, repetition, short sentences and a key slogan / motto.
- Continue a narrative in the style of the author.

## Science

- Label the parts of the human circulatory system and explain their function. Consider what can affect the function of the heart and lungs (drugs, alcohol, fatty foods).
- Conduct an investigation into how exercise affects our heart rate.
- Take repeat readings and calculate a mean.
- Plan further investigations as a result of our initial investigation.
- Understand how nutrients are transported within animals and humans.