

Maths

Place Value

- Read and write numbers to 10,000,000
- Powers of 10
- Compare and order any integers
- Round any integer
- Negative numbers

Four Operations

Add and subtract integers Step 2 Common factors

Common multiples

Rules of divisibility

Primes to 100, Square and cube numbers

Multiply up to a 4-digit number by a 2-digit number

Solve problems with multiplication

Short division and long division

Division with remainders

Solve multi-step problems

Order of operations

Mental calculations and estimation

Geography: North America

- Use an atlas to identify the countries of North America
- Investigate and compare climates in North America
- Explore the geographical features of North America
- Explore the capital cities of North America
- Explore the various time zones of North America and how these compare to other time zones around the world
- Compare a region in the UK with a region in North America with significant similarities and differences
- Understand the reasons behind these differences and similarities
- Map how land use has changed in areas over time
- Explore 6 to 8 grid references with teaching of latitude and longitude in depth
- Use field work to observe, measure and record human and physical geography

Science: Living Things and their habitats

- Explore the conditions for life and differences between living and non-living things
- Group organisms based on their characteristics
- Classify animals and plants
- Explore and classify microorganisms
- Know about the work of Carl Linnaeus and his system of classifying organisms
- Identify scientific evidence that has been used to support or refute ideas or arguments
- Use and develop keys and other information records to identify, classify and describe living things

Computing: Google Bletchley Park

- Explain that codes can be used for a number of different reasons and decode messages.
- Explain how to ensure a password is secure and how this works.
- Create a simple website with information about Bletchley Park including the need to build electronic thinking machines to solve cipher codes.
- Explain the importance of historical figures and their contribution towards computer science.
- Present information about their historical figure in an interesting and engaging manner

French: Francophonie

- Match French speaking countries to their continent
- Retrieve information from a short video to explain what Francophonie is
- Summarise the main facts on Francophonie
- Conduct research on a French speaking country
- write a presentation on your chosen French speaking country
- Match the beginning of a sentence on a French speaking country to its correct ending
- Revisit the words for transport
- Discover the conjugation of the verb “aller” in the present tense

PSHE: 1 Decision Emotions and Feelings

- Recognise our thoughts, feelings, and emotions, and identify the differences between those that feel good and those that feel not so good
- Describe how we can support others who feel lonely, jealous, or upset
- Recognise that we can choose how we act on our emotions and understand that our choices and actions can affect ourselves and other people
- Demonstrate a range of strategies to help control and manage unpleasant/ uncomfortable emotions, such as loneliness and jealousy

P.E

Games: Invasion - Netball

- Develop understanding of the rules of the game and how they can apply this knowledge to play in mini games
- Understand to defend as soon as we lose possession of the ball
- Apply understanding of attacking and defending tactics to Stinger netball games.
- demonstrate where and why other passing styles will be effective.



Year 6 Autumn 1 This term our topic is on: North America



R.E: Islam Part 1

Theme: Beliefs and Practices

Key Question: What is the best way for a Muslim to show commitment to God?

Religion: Islam

- Explore commitment and what it means to show commitment in Islam
- Recap prior learning on the 5 pillars of Islam and recognise and investigate commitment around the following pillars: Salah, Sawm and Hajj.
- Evaluate how commitment can be difficult to follow through but how Muslims find opportunities to show commitment
- Express how one is committed to something and explain why it is important to them

Art

Skill- Collage/textiles

Inspirational Artist-Hannah Hoch

- Focus on inspirational artist, observe artwork and discuss techniques. Explore feelings, thoughts and emotions.
- Explore techniques using inspirations artwork and develop a collage (colours, texture, patterns)
- Critique and up level- Explore techniques using inspirations art work and develop collage with the focus form of media
- Master techniques- Creating their own version taking inspiration from the Artist.
- Evaluate techniques and compare own work with inspirational artist work.

Music: Advanced Rhythms

- Repeat rhythms accurately and successfully participate in rhythm games.
- Feel the pulse while participating in activities, e.g. singing or chanting.
- Clap the rhythm at the same time as chanting the words.
- Choose rhythmic elements that add up to 8 counts.
- Perform compositions demonstrating a good sense of pulse.
- Perform their compositions securely with their partners.

Literacy

Core Stories:

- Harry Potter and the Philosopher's Stone

Diary entry:

- Character description
- Setting decryption to create mood
- Dialogue to advance characters thoughts and feelings
- Use variety of sentence type
- First person, past tense, show not tell

Non- chronological report:

- Explore features of a non-chronological report
- Formal and informal writing
- Tense, technical vocabulary, factual information
- Plan, research, draft edit and publish a non-chronological report

Year 6 writing skills

- During this term, children will develop an understanding around the Year 6 writing statements and have opportunity to apply throughout their writing