

What will I be learning about in the first half of the Autumn Term in Year 6?

Maths

Place value

- Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit
- Rounding whole numbers
- Use negative numbers in context and calculate intervals across zero
- Solve number and practical problems that involve all of the above

Addition, subtraction, multiplication and division

- Multiply and divide multi-digit numbers up to 4 digits by 2 digit – formal long method
- Mental calculations including mixed operations and large numbers
- Common factors, common multiples and prime numbers
- Use knowledge of the order of operations – solve problems using all 4 operations
- Addition and subtraction with multi-step
- Solve problems with reasoning
- Applying estimation to check answers

Science

Adaptation and Inheritance

- Inheritance – recognise that living things produce offspring not of the same kind
- Adaptation – demonstrate understanding of the scientific meaning of adaptation
- Theory of evolution – identify the key ideas of the theory of evolution
- Evidence for evolution – I can identify evidence for evolution from fossil records
- Evidence for evolution: humans – understand how human beings have evolved
- Adaptation, evolution and human intervention – advantages and disadvantages and affecting evolution

Physical Education

Core swimming skills

Reading

Individual reading

- Decoding Skills
- Fluency
- Extending Vocabulary – selecting a wide range of different genres

Guided reading

- Retrieval skills
- Basic deductions based upon text
- Predictions

SPaG skills

Focus skills

- Active and Passive Voice
- Formal and informal language
- Different tenses
- Subject and objects
- Synonyms and antonyms
- Colons, semi-colons and dashes
- Hyphens

Topic: The life of Mayan

History/ Geography

- Learning facts about the Maya Civilisation
- Locate Maya on the map and ancient cities
- Understand the Mayan Belief system – picking a god and making links to what it could be the god of.
- Understand how the Maya Number system works
- Identify and use a range of evidence sources to help me understand more about the Maya civilisation
- Explain what the Maya writing system consists of, how words are constructed and what codices are.
- Describe a range of foods that were eaten by the ancient Maya people and explain why certain foods were particularly significant.

Religious Education

What do religions say to us when life gets hard?

- Express ideas about how and why religion can help believers when times are hard, giving examples.
- Outline Christian, Hindu and/or nonreligious beliefs about life after death.
- Explain some similarities and differences between beliefs about life after death.
- Explain some reasons why Christians and Humanists have different ideas about an afterlife.

Writing

Focused skills this half term

- Write for a range of purposes – instructions, information text, setting, diary writing.
- Using simple devices to structure writing. E.g. paragraphs, titles, bullet points etc.
- Expanding vocabulary reflecting genre. E.g. formal and informal.
- Describing settings. E.g. Varied range of adjectives, similes, metaphors, personification.
- Punctuation to make writing grammatically sound. E.g. full stops, capitals, commas, apostrophes.
- Joining handwriting and making it clear and neat.

Music

Key song: I'll be there by Jackson 5

In greater depth and with confidence: Listen & Appraise recognise styles, find the pulse, recognise instruments, listen, discuss all dimensions of music

Art & Design

Skills

- Colour and tone
- Line and texture

Outcome

- Watercolour and pen drawings
- Mosaics tiles
- Mayan Masks and head dresses