

English

Writing

- Can I identify key features of text types I am studying?
- Can I write with purpose for a specific audience?
- Can I develop characters and setting in story writing?
- Can I select appropriate grammar and vocabulary?
- Can I structure and organise my writing appropriately?
- Can I draft, edit and improve my writing?

Narrative, Instructions, poetry, explanation

Reading

- Can I read aloud and understand the meaning of new words that I meet?
- Can I discuss and evaluate authors use of language?
- Can I make inferences about characters and justify with evidence?
- Can I predict what might happen from details I have read?
- Can I explain my understanding of a text?
- Can I retrieve information to answer a range of questions?
- Can I summarise in a variety of ways?

Author of the term: Michelle Paver + Tony Bradman

Texts – Viking Boy, Curiosity – The Story of a Mars Rover

Grammar

- Can I understand spelling rules and learn words that are tricky to spell?
- Can I structure sentences in different ways using a range of clauses?
- Can I use brackets, commas and dashes to show parenthesis?

Computing

Data Handling

- Can I understand how and why data is collected from space?
- Can I understand binary code?
- Can I understand the architecture of data handling computers?

Programming

- Can I use micro:bit software?
- Can I program an animation?
- Can I recognise coding structures?
- Can I program a pedometer and a scoreboard?

History – Vikings and Anglo-Saxons

Chronological Understanding, Historical Enquiry and Interpretation, Knowledge & Understanding of Places, People and Events

- Can I explore what Britain was like before the first Viking invasions?
- Can I find out about the Viking invasions of Britain?
- Can I find out about the Viking settlement of Britain and how this affected the Anglo- Saxons?
- Can I find out why King Alfred was dubbed 'Alfred the Great'?
- Can I explore what life was like for Vikings living in Britain?
- Can I find out how and when England became a unified country?
- Can I find out about the end of the Anglo-Saxon and Viking era in Britain?

Geography – Scandinavia

Place Knowledge, Locational Knowledge, Human and Physical Features, Map Skills

- Can I locate Scandinavia's countries and major cities on maps?
- Can I explore the climate and weather of Scandinavia?
- Can I explore the human geography of Scandinavia, including trade and the economy?
- Can I compare and contrast an area in the UK with an area of Scandinavia?
- Can I identify and name major rivers and physical features in the UK and in Scandinavia?
- Can I use a range of map skills, including: 8 points of a compass, latitude and longitude, sketch maps, ordnance survey, to carry out fieldwork?

Maths

Multiplication & Division

- Can I multiply 1-digit numbers by up to 4-digits?
- Can I multiply a 2-digit, 3-digit or 4-digit number by a 2-digit number?
- Can I divide 4-digit numbers by 1-digit, including with remainders?
- Can I use efficient methods?
- Can I solve problems with multiplication and division?

Fractions

- Can I multiply fractions by whole numbers?
- Can I multiply a mixed number by an integer?
- Can I calculate fractions of an amount?
- Can I use fractions as operators?

Decimals & Percentages

- Can I understand decimals up to 3 decimal places?
- Can I understand decimals as fractions?
- Can I round, order and compare decimals?
- Can I understand what percentage means?
- Can I identify percentages as fractions and decimals?

Perimeter and area

- Can I calculate perimeter of rectangles?
- Can I calculate perimeter of polygons?
- Can I calculate area of a compound shape?
- Can I estimate area of a shape?

Statistics

- Can I draw line graphs?
- Can I read and interpret line graphs?
- Can I read and interpret tables?

Science

(Scientist focus – Margaret Hamilton, Leonardo Da Vinci)

Earth & Space

- Can I describe the Sun, Earth and Moon as approximately spherical bodies?
 - Can I find out about the size of the Earth, Sun and Moon and how far away they are from each other?
 - Can I use the idea of the Earth's rotation to explain day and night and the apparent movement of the Sun across the sky?
 - Can I describe the movement of the moon relative to the Earth?
- ### Forces
- Can I explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object?
 - Can I identify the effects of air resistance, water resistance and friction, which act between moving surfaces?
 - Can I recognize that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect?

Art

Drawing-I need space

- Can I understand what retro futurism is?
- Can I explore space art imagery and identify its features?
- Can I experiment with different ways of using media and textiles to create effect?
- Can I explore the work of Teis Albers?

DT

Mechanical systems

- Can I explain how mechanical systems such as pulley and gear systems create movement?
- Can I accurately measure, mark out, cut and shape materials and components?
- Can I accurately assemble, join and combine materials and components?

French

Shopping / The French-speaking World

- Can I understand basic French grammar?
- Can I present ideas and information orally?
- Can I appreciate French stories, poems, rhymes and songs?

Spring Term 2025
Year 5 MTP

Key Dates

- January 13th** – Hook Day – Art
- February 3rd** – Children's Mental Health Week
- February 11th** – Safer Internet Day
- March 6th** – World Book Day
- March 8th** – International Women's Day
- March 8th** – Science Week
- March 21st** – Comic Relief
- March 31st/April 1st** – Bikeability
- April 3rd** – Learning Share

SMSC/EDI

- What sustainable practises can we learn from other nations and cultures?
- What can we learn from the UNCRC?
- What can we learn from a range of faiths and worldviews?

Music

Cultural Music – South & West Africa
Composition – Representing Colour (Holi)

PE

Gymnastics & Dance
Multi-Skills & Target Sports

PSHE

Relationships

- Feelings and Emotions* – How can I respond sensitively to feelings in others?
- Healthy Relationships* – Understanding how actions have consequences; how to work collaboratively; negotiation and compromise; giving feedback
- Valuing Difference* – Listening well to others; raising concerns and challenging respectfully

RE – Christianity (and other world views)

Living a Faith

- In what ways does the Bible teach Christians to treat others?
- How is this expressed in practice?
- How do beliefs impact on expectations of behaviour?
- How do beliefs impact on ways in which people act?
- How do Christians interpret The Ten Commandments?