

Science and D&T

In science this term we will be investigating light and electricity. We will examine more complex switches and circuits.

Scientific skills:

- Comparing variables
- Testing variables
- Predicting
- Data handling
- Research
- Measuring
- Planning enquiries

History

We will be looking at the Mayan civilisation from Meso-america, exploring it using a variety of sources, and comparing it to the Vikings.

Historical skills:

- Ask and answer questions
- Use sources to find out about the past
- Explore chronology
- Describe and explain
- Research and conclude
- Construct and organise a response by selecting and organising relevant historical data.
- Describe some of the similarities and differences between different periods.

Computing

In computing we will look at password strengths and reliability in e-safety and digital literacy, selection in quizzes in programming, and vector graphics in creating media.

Computing skills

- Using search engines
- Identifying reliable online sources
- Appropriate online behaviour.
- Creating, using and manipulating shapes.
- Adding layers.
- Altering programs and identifying conditions.

Geography

In geography we will be continuing to use atlases and maps to examine areas. We will locate key geographical features, identify human and physical characteristics, look at land use, and find similarities and differences between the UK, Europe and South America. We will compare and contrast Durham, Manaus and Cologne.

Geographical skills:

- Make observations
- Use appropriate geographical vocabulary
- Create and label a map
- Use an atlas and maps
- Describe types of settlement and land use.
- Compare human and physical features.
- Understand key aspects of physical geography.

A World of Wonder

Music:

In music we will continue to explore digital layering.

Art:

We will be linking the topic to History and creating clay pots.

PE:

We will be developing our skills in net/wall games, striking and fielding games, and athletics.

PSHCE:

We will be thinking about these questions: How can drugs common to everyday life affect health? What jobs would we like?

Religious Education

In RE we look at what we know about Christianity.

Skills:

- Ask and answer questions
- Critical thinking
- Personal reflection
- Reflect and respond
- Interpret stories

French:

In French we will be looking at planet names and using language in a school context.

English

Focus: Titanic/Rooftoppers/Focused tasks

Reading

- recommending books that they have read to their peers, giving reasons for their choices
- identifying and discussing themes and conventions in and across a wide range of writing
- making comparisons within and across books
- provide reasoned justifications for their views.
- discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- predicting what might happen from details stated and implied
- identifying how language, structure and presentation contribute to meaning

Writing

- **continue to distinguish between homophones**
- **use dictionaries to check the spelling and meaning of words**
- **use a thesaurus**
- **selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning**
- **in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action**
- **proof-read for spelling and punctuation errors**
- **using commas to clarify meaning or avoid ambiguity in writing**
- **In non-fiction writing, select and use appropriate structures.**

Maths

This term we are aiming to:

- Add and subtract whole numbers with more than 4 digits, including using formal written methods
- Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000
- Recall multiplication and division facts for multiplication tables up to 12×12
- Multiply multi-digit numbers by a one-digit number using formal written layout
- Calculate area and perimeter.
- Identify equivalent fractions, simplify fractions, add and subtract fractions, find common denominators, multiply and divide fractions by whole numbers, find fractions of amounts.
- Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction
- Solve multi-step problems in contexts, deciding which operations and methods to use and why
- Draw and translate simple shapes on the coordinate plane, and reflect them in the axes
- Describe positions on the full coordinate grid (all 4 quadrants)
- Solve ratio and proportion questions.
- Identify and calculate averages.
- Use tables and charts.

Homework—Handed in on a Friday.

Spellings—On Spelling Frame

Reading—Minimum 3 times a week.

PE—Monday

Year 5/6

Our topic for



Summer Term is:

A World of Wonder