

YEAR GROUP OVERVIEW

Year 5/6 – Autumn 1

English - Reading

In reading lessons, pupils continue to develop their fluency knowledge and skills through a wide range of genres, including fiction, non-fiction and poetry.

Pupils also develop core reading skills through the range of texts they read:

- Vocabulary
- Retrieval
- Inference
- Prediction
- Summary
- Authorial intent

This half term's text is Tom's Midnight Garden.

English - Writing

Pupils write texts using this half term's texts as a stimulus through our NELT Key Stage 2 Teaching and Learning Cycle. They will learn key grammar and punctuation knowledge within writing lessons which they will use within their writing.

Letter: Plan and write a letter, as Peter replying to Tom's postcard.

Non-Chronological Report: Plan and write a non-chronological report, based upon the Eden project.

Narrative: Plan and write a four-part story based on the events in Tom's Midnight Garden, which includes a flashback.

Maths

The NELT chosen scheme of learning is White Rose Maths. This half term, pupils in Year 5 will learn:

Place Value

- Roman numerals to 1,000
- Read and write numbers to 1,000,000
- Powers of 10
- Comparing numbers to 1,000,000
- Round within 1,000,000

Addition and Subtraction

- Mental strategies
- Add and subtract numbers with more than four digits
- Round to check answers
- Inverse operations
- Multi-step addition and subtractions
- Compare calculations
- Find missing numbers

Multiplication and Division

- Multiplies (and common multiples)
- Factors (and common factors)
- Prime numbers
- Square numbers
- Cube numbers
- Multiply and divide by 10, 100 and 1000

The NELT chosen scheme of learning is White Rose Maths. This half term, pupils in Year 6 will learn:

Place Value

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

Addition, Subtraction, Multiplication and Division

- Add and subtract integers
- Common multiples
- Common factors
- 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
- Division using factors
- Introduction to long division
- Long division with remainders
- Solve problems with division
- Solve multi-step problems
- Order of operations
- Reason from unknown facts

Science

Animals Including Humans: This unit of work focuses on working scientifically, specifically at how information can be presented through classification keys (through

an introduction) and a variety of graphs. It builds on knowledge learned in previous years and in preparation for adaptations in the Y6 curriculum.

Geography

Brilliant Biomes: This unit introduces children to the different biomes across the world. They will compare and contrast biomes and climate. Pupils will learn about the five major types of biomes.

Design & Technology

Dart Frogs: Explore pneumatics in our everyday world and experiment with self-made working pneumatics. Create a dart frog with a moving mouth using pneumatics.

Computing

Online safety – In this unit, children will gain a greater understanding of the impact that sharing digital content can have. They will review sources of support when using technology and children's responsibility to one another in their online behaviour. They will know how to maintain secure passwords and understand the advantages, disadvantages, permissions and purposes of altering an image digitally and the reasons for this. Children will also be aware of appropriate and inappropriate text, photographs and videos and the impact of sharing these online. They will learn about how to reference sources in their work and search the internet with a consideration for the reliability of the results of sources to check validity and understand the impact of incorrect information.

Music

Livin' On a Prayer: Learning is focused around one song: Livin' On A Prayer. The material presents an integrated approach to music where games, the dimensions of music (pulse, rhythm, pitch etc), singing and playing instruments are all linked. As well as learning to sing, play, improvise and compose with this song, children will listen and appraise other classic rock songs.

Modern Foreign Language (MFL)

During this half term the children will revisit some of the core language they learned in Stage 1 (asking and answering their name, where they live, greetings, days of the week, months of the year, classroom instructions, numbers and age). The children will also be introduced to names for rooms in a school, and nouns for classroom objects.

Through songs, games, native speaker clips and independent tasks, they will explore the following content, topics and language:

1 – Welcome to school

- Asking and responding to questions about themselves
- Responding to classroom instructions

- Revisiting and reading number words to 20
- Revisiting months of the year
- Following a story about days of the week
- Writing names for rooms in a school
- Saying and writing nouns for classroom objects (and designing a super learner utility belt!)

PSHE

Being Me in My World: In this Puzzle (unit), the children think and plan for the year ahead, goals they could set for themselves as well as the challenges they may face. They explore their rights and responsibilities as a member of their class, school, wider community and the country they live in. The children learn about their own behaviour and its impact on a group as well as choices, rewards, consequences and the feelings associated with each. They also learn about democracy, how it benefits the school and how they can contribute towards it. They revisit the Jigsaw Charter and set up their Jigsaw Journals.

Religious Education (R.E.)

Judaism: Understanding that Jews are a diverse group of people by investigating Census data and reflecting on the different cultural heritages of British Jews. Investigate the centrality of Torah. Jewish practice is being adapted in the light of current thinking on gender and climate.

Physical Education (P.E.)

This half-term, Year 5/6 will be swimming at Teesdale Leisure Centre on a Wednesday afternoon. Please ensure that your child brings their swimming kit to school with them every Wednesday.

Year 5/6 will also have a P.E. lesson with Ben (Education Enterprise) on a Thursday. Children should come to school wearing their P.E. kit on this day. This half-term, Year 5/6 will be