

YEAR GROUP OVERVIEW

Year 5 – 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 by Phillipa Pearce.

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 learn:

Number and Place value: In this unit children will recap their knowledge of reading and writing numbers to 100,000 before progressing onto reading and writing numbers to 1,000,000. Children will learn to partition, compare, order and round numbers to one million. As well as reading and writing Roman numerals to 1,000.

Addition and subtraction: In this unit children will recap their knowledge of addition and subtraction of numbers using column methods. Children will develop their

mental addition and subtraction strategies, use the inverse operations, find missing numbers and answer multi-step problems involving addition and subtraction.

Multiplication and division: During the half term children will start this unit exploring multiples, factors, prime numbers, squared numbers and cubed numbers. This unit will then continue after half term.

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. Children will explore the changes as humans develop to old age and compare this to different animals. It builds on knowledge learned in previous years and in preparation for adaptations in Y6.

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

Quizzing: In this topic, pupils begin the process of designing and creating interactive quizzes using Purple Mash's 2Quiz tool. They will evaluate the features of a good quiz and choose appropriate question types.

Databases: In this unit, pupil's will use table-based databases and create their own to show data. They will do this by understanding records and fields, creating a collaborative database and analysing data.

Alongside our Purple Mash scheme of learning, through project Evolve, pupils learn about Self Image and Identity.

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.)

Fitness: Year 5 Fitness develops pupils' understanding of how exercise improves health and wellbeing. Through a range of challenges, children enhance their speed, agility, balance, coordination, strength and stamina while learning how their bodies respond to physical activity. Pupils set personal goals, demonstrate resilience, work cooperatively and reflect on their progress. They learn key fitness vocabulary and

recognise the importance of regular exercise and healthy lifestyles. By the end of the unit, children apply their skills in fitness challenges, aiming to improve their own personal bests and identify ways to develop further