

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.

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 Maths No Problem. This half term, pupils learn:

Number and Place Value (to 1,000,000): In this chapter, pupils will be looking at numbers and their place value to 1 000 000. The chapter begins reviewing how to read and write numbers to 100 000, quickly moving onto numbers to 1 000 000. Time is spent using concrete materials to represent numbers to 1 000 000, including place-value counters and place-value charts. Pupils then compare numbers to 1 000 000 using their knowledge of place value in addition to bar model supports to assist them. Pupils complete the unit by making number patterns and rounding numbers to the nearest 10, 1000, 10 000 and 100 000.

Calculations (Addition and Subtraction): This chapter covers addition and subtraction. The chapter starts off with simple addition before moving on to addition where renaming is required. Subtraction is also covered in a similar way where simple subtraction is mastered before moving to subtraction where renaming is

required. Once pupils master addition and subtraction, they start to look at problem-solving questions and practice using bar models.

This chapter uses three different ways to show addition and subtraction visually. This will help pupils develop flexibility, however, some pupils may need additional support and time in order to be able to use all of the methods fluently.

Calculations (Multiplication and Division): In this unit, pupils are multiplying and dividing 3- and 4-digit numbers by single- and double-digit numbers. The unit begins by finding and defining multiples and factors and common factors. Pupils begin to work with prime numbers and determine what makes a number prime or composite. After this, they work with square and cube numbers before moving on to multiplying by 10, 100 and 1000. When multiplying, pupils are encouraged to use a variety of methods, including: number bonds, column methods and the grid method. Number bonds are used to represent multiplicative word problems. Pupils then move on to multiply by 2-digit numbers before beginning to divide by 10, 100 and 1000. The unit ends as pupils learn to divide, giving rise to remainders using multiple methods, including number bonds and long and short division.

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 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

ONLINE SAFETY: Within computing this half term, we will be learning how to stay safe online. We will gain a greater understanding of the impact that sharing digital content can have, as well as reviewing sources of support when using technology. We will learn how to maintain secure passwords, understand advantages and disadvantages of altering an image digitally and finally, learn how to search the internet with consideration for the reliability of the results.

Music

Living On a Prayer: Learning is focused around one song: Living 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) - French

TALKING ABOUT US: In this unit, we will be talking about us, explaining things such as introducing ourselves, explaining how we feel and saying some important things about ourselves. **SCHOOL SUBJECTS:** In this unit, we will learn how to name school subjects in French. We will also give an opinion about school subjects.

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 the children will be playing invasion games. Endzone is a fun multi team game which the children have to pass the ball to a nominated player in the end zone of a pitch. The children will learn key skills such as defending and how to work as a team to receive the ball. The children will learn that they can move anywhere on the pitch, but must be in the end zone to receive the ball, and then shoot to score a 'goal'. This will teach the children how to work as a team to reach the end goal and the importance of using space.