

YEAR GROUP OVERVIEW



Year 6 – Autumn 2

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 texts are *The Explorer* by Katherine Rundell and media stimulus based on the Christmas Truce video.

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.

Diary: Write a diary entry from Fred after the plane crash in 'The Explorer' by Katherine Rundell.

Narrative: To write a narrative from the viewpoint of the Explorer based on the text 'The Explorer' by Katherine Rundell.

Explanation text: Write an explanation text about how to survive in the Amazon jungle.

Newspaper: Write a newspaper report based on the media stimulus based on 'The Christmas Truce' video.

Maths

Year 5

The NELT chosen scheme of learning is Maths No Problem. This half term, pupils learn:

Calculations (Word Problems): In this chapter, pupils will be learning to solve problems involving multiple operations and to identify the operation needed to carry out the plan. Children will also learn to solve word problems involving multiplication and division using bar model diagrams and by identifying and representing key

information. Finally, children will practise various concepts covered within the word problems unit.

Statistics (Graphs): In this chapter, children will learn a variety of skills linked to reading and understanding graphs. Children will learn to read information presented in a table and learn to interpret its meaning. They will learn to read and respond to information presented in a table, including tables that have a variety of data sets. Next, children will learn to read and interpret information provided in a line graph, where data is represented by both single and multiple lines. Finally, children will also

learn how to read and interpret information presented into a table and how to turn it into a line graph, determining relationships between data sets.

Year 6

The NELT chosen scheme of learning in Year 6 is Maths No Problem. This half term, pupils learn:

Fractions, Decimals and Percentages (Fractions): This unit covers recapping prior learning about how to simplify fractions, comparing and ordering fractions by finding common denominators and using common factors. It then moves on to adding and subtracting fractions with different denominators and adding and subtractions mixed numbers. Using pictorial representations and concrete materials, the unit then covers how to multiply and divide fractions.

Fractions, Decimals and Percentages (Decimals): This unit begins by reading and writing decimals to thousandths, dividing whole numbers that give rise to decimals and calculating decimal fraction equivalents using long division. It then moves on to converting fractions into decimals, multiplying decimals by whole numbers and looking at various methods to divide decimals

Science

Electricity: This unit builds on learning from previous years. It will begin by allowing the children to create their own electrical circuits and understand what the source of electricity is in these circuits. Children will then investigate how an increase in voltage impacts the brightness of a bulb or the volume of a buzzer and they will learn how to accurately record their findings. The unit then moves onto understanding that we can represent circuits by using symbols. The children will learn how to accurately draw circuits that show the components used and they will understand how electricity flows through the circuit.

Geography

Location, Locations, Location: This project allows children to build on their prior knowledge of locating countries using an atlas. From this, children will then look at and independently research the human and physical features, as well as the time zones, of Moscow, Russia; Rio de Janeiro, Brazil; and Seattle, USA. Throughout the project, children will be able to compare the features of each of these locations to see the similarities and differences. Using their learning, the children will then plan a

debate to determine the best holiday destination, focussing on the strengths and unique attractions of their chosen city.

Design & Technology

Steady Hands (Electrical Game): This project will allow children to design and create their own steady hand game. The learning journey begins with researching and analysing a variety of children's toys, which will inspire their design choices and enhance their understanding of toy functionality. The children will then design their game, focusing on the essential elements needed for a steady hand game. They will learn to construct a stable base to ensure durability and playability. Additionally, students will assemble electronic components, gaining practical experience in wiring and circuitry. Throughout the project, children will test and evaluate their games, allowing them to refine their designs based on feedback.

Computing

Coding: Children will recap, build upon and deepen their understanding of coding by following the program design process to create more complex programs. They will learn how to use flowcharts to develop algorithms and apply key concepts like abstraction and decomposition to identify the essential parts of a program. Through hands-on activities, children will practice coding, testing and debugging their designs to ensure their programs work efficiently. They will also learn how to enhance their coding projects by using functions and tabs within 2Code, which will improve both the structure and quality of their work.

Alongside our Teach Computing scheme of learning, through project Evolve, pupils learn about Online Bullying and Online Relationships.

Modern Foreign Language (MFL)

Where I Live, Where You Live: This unit will continue to develop children's speaking, listening and language skills. They will explore language related to the home, focusing on key sounds found in nouns and adjectives. Through activities like describing rooms, children will practice using the verbs 'to have' and 'to be', while also learning about adjectival agreement with nouns. They will engage in creative activities like describing a 'spooky house' or a 'space house'. Children will also learn to ask questions using 'Is there...?' and respond with 'Here is...,' expanding their conversational skills. Additionally, they will participate in activities where they design and ask for sandwiches, inspired by Paddington's Christmas adventures.

PSHE

Celebrating Difference: In this unit, the children discuss differences and similarities and that, for some people, being different is difficult. The children learn about bullying and how people can have power over others in a group. They discover strategies for dealing with this as well as wider bullying issues. The children learn about people with disabilities and look at specific examples of disabled people who have amazing lives and achievements.

Religious Education (R.E.)

Islam: How is the Qur'an vital to Muslims today? This inquiry allows children to explore important events during the Night of Power and the revelation of the Qur'an. They will learn about the actions Muslims take to show respect for the Qur'an and the reasons behind these practices. Additionally, children will examine various sayings from the Qur'an and understand that there can be different interpretations of its teachings.

Physical Education (P.E.)

All children in Year 5 and 6, will continue to have weekly PE lessons with Ben from Education Enterprise. PE lessons will remain on a Thursday, and children should come to school in their PE kit on this day.

Children in Year 5 will continue to swim this half-term. Throughout their swimming lessons, children will continue to learn how to swim competently, confidently and proficiently over a distance. They will also learn to use a range of strokes effectively, for example, front crawl, back stroke and breaststroke.

Music

This half-term, children in Year 5 and 6 will continue to have music lessons from County Durham's Music Service, focussing on playing percussion instruments. These lessons are weekly with certified music teacher, Mr. Elliot.