YEAR GROUP OVERVIEW

North East Learning Trust

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 a media stimulus called Alma.

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.

Narrative: To write a narrative from the viewpoint of Alma. We will focus on using description to build suspense and mystery within our narrative.

Diary: Write a diary entry from Fred after the plane crash in 'The Explorer' by Katherine Rundell. We will focus on Fred's emotions throughout his experience and the use of descriptive vocabulary to create imagery.

Explanation text: Write an explanation text about how to survive in the Amazon jungle. We will focus on the use of formal language and think out structural features.

Maths
This half term, pupils will 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, as well as finding fractions of amounts.
Measurement: This unit begins by exploring metric measurements and how to convert between metric measurements before moving onto imperial measurements and conversions which including imperial and metric measurements.

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 Purple Mash scheme of learning, through project Evolve, pupils will gain a greater understanding of 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.)
Dance: Pupils will focus on developing an idea or theme into dance choreography. They will work in pairs and groups using different choreography tools to create dances e.g. formations, timing, dynamics. Pupils will have opportunities to choreograph, perform and provide feedback on dance. Pupils will think about how to use movement to convey ideas, emotions, feelings and characters. Pupils will show an awareness of keeping others safe and will have the opportunity to lead others through short warm-ups.

Music
Classroom Jazz: This unit will allow children to immerse themselves in the world of jazz by focusing on two key tunes: ‘Bacharach Anorak’ and ‘Meet the Blues.’ Through active listening and appraisal, children will explore their origins, styles, and historical contexts as well as analysing the musical characteristics that define each song, including texture, dynamics, tempo, and structure.