YEAR GROUP OVERVIEW

North East Learning Trust

Year 4 – 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 text is Stig of the Dump.

English - Writing
During the Autumn term, the children will explore both fiction and non-fiction inspired by 'Stig of the Dump.' This term will include writing a three-part story focusing on when Barney meets Stig, a newspaper report and a set of instructions. Throughout the Autumn term, students will enhance their writing skills. They'll work on punctuation, grammar, and vocabulary including developing their understanding of the effect of organisational devices such as adverbial phrases and pronouns.

Maths
MULTIPLICATION AND DIVISION: This half term, pupils will learn how to multiply and divide by 3, 6, 7, 9, 11 and 12. They will begin to understand mathematical vocabulary such as 'quotient' in relation to division. They will learn how to calculate multiplication equations using the multiplication facts that they know. They will also understand the difference between sharing and grouping.
Pupils will further develop their understanding of multiplication and division. They will learn how to divide and multiply by 1 and 0 and understand the law of commutativity. They will learn how to multiply three numbers together using prior knowledge of multiplication tables.
Pupils will use their tables and knowledge of place value to multiply multiples of ten, leading to the multiplication of 2-digit numbers using short multiplication. They will use their knowledge of multiplying multiples of ten when multiplying multiples of one hundred, leading to multiplying 3-digit numbers using short multiplication.
Pupils will learn more about division and will divide 2-digit numbers using two methods, including numbers with remainders. They will learn to solve multiplication and division problems using the methods they have learned and will use bar models to visualise what the problem is asking them to do.

Science
Animals including Humans: This unit of work builds on knowledge learned in Year 3. Children will complete two classification types of enquiries. They will start by describing the basic parts and functions of the digestive system and naming the simple functions of different types of human teeth. Children will observe over time what happens to an eggshell left in cola which links to healthy teeth and the nutrients in our diet. Following on from this, children will look more closely at the nutrients found in food before looking at the larger scale of how animals get their energy. They will compare the differences between the teeth of herbivores and carnivores and use research to understand how food chains are constructed.

Geography
Mountains and Rivers: This topic is continued from last term and teaches children about the characteristics and features of rivers and mountain ranges around the world. Children will understand the journey of a river and how rivers can change landscapes over time. Children will explore the uses of rivers and conduct a local river study.

Design Technology
Keep it Safe: In this unit, children will explore different containers and nets and learn how to make the containers secure to keep their precious items safe. Children will design a prototype of a container and select a range of materials and equipment to make a lid for their containers. Then, they will design their own treasure box before making their own containers and evaluating their designs.

Computing
Unpacking hardware and software: In this unit, children will further their understanding of technology and computer systems in relation to their hardware and software. Children will understand the role of hardware, the role of software and how they interact together to complete tasks.

Music
GLOCKENSPIEL: This unit is a little lighter in content as children will be busy with general Christmas activities. This unit introduces the children to learning about the language of music through playing the glockenspiel. The learning is focused around exploring and developing playing skills through the glockenspiel or if you have previous knowledge, the recorder.

Modern Foreign Language (MFL) - French
During this half term the children will continue to develop their French knowledge. They will look at topic: My local area, your local area. This unit involves learning commands and actions such as left, right and straight ahead. Children will learn shops, signs and how to ask for directions. They will end the unit looking at a Christmas poem.

PSHE

CELEBRATING DIFFERENCES: In this Puzzle (unit) the children talk about judging people by their appearance, first impressions and what influences their thinking on what is normal. They talk about bullying, including online bullying and what to do if they suspect or know that it is taking place. They discuss the pressures of being a witness and why some people choose to join in or choose not to tell anyone about what they have seen. The children talk about their own uniqueness and what is special about themselves. They talk about first impressions and when their own first impressions of someone have changed.

Religious Education (R.E.)

Buddhism: In this unit, children learn a key part of the story of the Buddha in his dedication to meditation and a mindful approach. Children will learn how he cleared his mind of the daily distractions to find the enlightenment for which he was searching. They will learn how many Buddhists use him as a role model and will spend time each day trying to settle their mind and concentrate.

Physical Education (P.E.)

This half term, children will be taking part in outdoor adventurous activities (OAA). This will help develop children's teamwork, communication, problem-solving, leadership and resilience through practical challenges and outdoor learning experiences. Rather than focusing on traditional sports skills, OAA encourages pupils to work together, think creatively and overcome physical and mental challenges.