



Eastbrook Primary
Curriculum Overview
Year 2
Autumn Term
Teacher: Miss Carlile

Mathematics

- Count, read and write numbers to 100 in numerals; count in multiples of 2s 5s and 10s
- Identify and represent and estimate numbers using different representations including the number line
- Recognise the place value of each digit in a 2-digit number (10s, 1s)
- Compare and order numbers from 0 up to 100; use <, > and = signs
- Count in steps 2, 3 and 5 from 0 in 10s from any number, forward and backward
- Recall and use addition and subtraction facts to 20 fluently and derive and use related facts up to 100
- Solve problems with addition and subtraction; using concrete objects and pictorial representations, including those involving numbers quantities and measures.
- Add and subtract numbers using concrete objects and pictorial representation and mentally, including a 2-digit number and 1s
- Recognise and use signs for pounds (£) and pence (p) combine amounts to make a value
- Find different combinations of coins that equal the same amounts of money
- Solve simple problems in a practical context involving addition and subtraction of money of the same unit, including giving change
- Solve one-step problems involving multiplication and division by calculating the answer using concrete objects, pictorial and representation and arrays with the support of the teacher
- Recall and use multiplication and division facts 2, 5, and 10 multiplication tables including recognising odd and even numbers

Mental maths test will focus on the following topics:

- The 2, 5 and 10 times-table
- Adding single digits

Science

Children will carry out a range of exciting investigations. They will be taught to:

- observe and describe how seeds and bulbs grow into mature plants
- find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.

PSHE & Citizenship

Topic: Rights, Respect and Responsibilities

- What are rights and responsibilities?
- The right to be safe
- The right to go to school
- The right to medical care
- Care of a baby
- Looking after a pet
- Respect
- The golden rule
- The tale of the talkative tortoise

Art and D&T

We will be learning about an artist called Andy Goldsworthy and then using a range of materials to make sculptures of the human body.

At home, children will be working with their families to copy the style of Goldsworthy's natural art and then make farm landscapes linking their Geography topic to their Art topic.

PE – TUESDAY EVERY WEEK

Children will learn to :

- master basic movements including running, jumping, throwing and catching, as well as developing balance, agility and co-ordination, and begin to apply these in a range of activities
- participate in team games, developing simple tactics for attacking and defending
- perform dances using simple movement patterns.

Music

Two specialist teachers deliver a 30 minute singing assembly to the primary school every week. This covers many areas of the curriculum such as pitch, volume and beat.

RE – Barking and Dagenham SACRE

Who wants to be famous?

Children will discuss leaders and teachers who have an influence on others. They will think about the question: Why and how is Jesus important for Christians? Introduce a leader of another faith.

Celebrations, symbols and stories

Exploring the celebration of Diwali, Hannukah, Advent and Christmas through the themes of light and darkness.

Christmas theme

The symbolism of the light shining in the darkness

History

Children will learn about two famous explorers: Christopher Columbus and Neil Armstrong. They will compare and contrast these significant people, learn about their famous journeys, and discuss why these men are still remembered today.

Geography

In Autumn Term 2 we will focus on Farms. Children will learn about:

- Arable, Livestock and Dairy farms
- The different buildings and areas of a farm
- Foods produced by farms
- Using a map and a key
- Giving directions using key vocabulary: north, east, south west, left, right.

Computing

Children will learn:

- understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- create and debug simple programs
- use logical reasoning to predict the behaviour of simple programs

English Writing and Reading

Handwriting

- Continuing to practice correct formation of all lower case letters
- Learning to form all capital letters and numerals
- Beginning to learn the basic letter joins to achieve joined-up handwriting

Spelling

- High Frequency Words and Common Exception Words
- Words with the sound 'l' spelt 'le', 'el', 'il' and 'al'
- Words with the sound 'igh' spelt with 'y'
- Adding '-ies' to nouns and verbs ending in 'y'

English Reading

We will study four focus texts over the Autumn Term:

Halibut Jackson by David Lucas
The Snail and The Whale by Julia Donaldson
The Magic Finger by Roald Dahl
How To Find Gold by Viviane Schwarz

Through these texts, children will develop pleasure in reading, motivation to read, vocabulary and understanding by:

- listening to, discussing and expressing views about a wide range of poetry, stories and non-fiction
- discussing the sequence of events in books and how items of information are related
- becoming increasingly familiar with and retelling a wider range of stories, fairy stories and traditional tales
- discussing and clarifying the meanings of words, linking new meanings to known vocabulary
- discussing their favourite words and phrases

Children will be taught to understand books by:

- drawing on what they already know or on background information and vocabulary provided by the teacher
- checking that the text makes sense to them as they read, and correcting inaccurate reading
- making inferences on the basis of what is being said and done
- answering and asking questions
- predicting what might happen on the basis of what has been read so far