

Computing

Storing and Presenting Data

In this unit pupils will look at what data is and compare different methods of data storage. Pupils will also learn how to turn data into information by creating different styles of graphs and charts

Digital Literacy: Identifying what personal information is and whom it should be shared with.



Topic Map: Year 2

Term: Spring 1



Phonics

Phase 4

In Phase 4, no new graphemes are introduced. The main aim of this phase is to consolidate the children's knowledge and to help them learn to read and spell words which have adjacent consonants, such as **trap, string** and **milk**.

Phase 5

Children entering Phase 5 will already be able to read and spell words and with adjacent consonants, such as **trap, string** and **flask**. They will also be able to read and spell some polysyllabic words. In Phase 5, children will learn more graphemes and phonemes. For example, they already know **ai** as in **rain**, but now they will be introduced to **ay** as in **day** and **a-e** as in **make**. Alternative pronunciations for graphemes will also be introduced, e.g. **ea** in **tea, head** and **break**. With practice, speed at recognising and blending graphemes will improve.

elliptic knowledge will be worked on extensively

Music



I Wanna Play in a Band (T)

Children will listen to and appraise classic Rock songs and will learn about singing together in an ensemble.

Class Novel

Gorilla
Anthony Browne

Geography –England and Africa

Children will name the continents and oceans of the world. They will be able to locate the UK AND Kenya on a map. They will know how tea and coffee are grown in Kenya and understand the term 'export'. They will identify features and importance of National Parks and Game reserves. They will understand the critical importance of preservation and endangered species. They will know about some of the main animals that live in Kenya. They will learn about the Maasai tribe their culture and customs. They will compare rural Kenya with Urban Kenya and address any misconceptions they may have about living in Africa.



PE - As in all units, pupils develop physical, social, emotional and thinking whole child objectives.

Net and Wall

Pupils will develop the basic skills involved in net and wall games. They will develop their understanding of the principles of net and wall games such as using the ready position to defend their space and sending the ball away from an opponent to maximise their chances of scoring. They will learn to play games honestly, abiding by the rules and showing respect towards their opponents and teammates.

Gymnastics

Pupils learn explore and develop basic gymnastic actions on the floor and using apparatus. They develop gymnastic skills of jumping, rolling, balancing and travelling individually and in combination to create short sequences and movement phrases. Pupils develop an awareness of compositional devices when creating sequences to include the use of shapes, levels and directions. They learn to work safely with and around others and whilst using apparatus. Pupils are given opportunities to provide feedback to others and recognise elements of high quality performance.

RSHE

Children will learn:

that it is natural for us to relate to and trust one another
that we all have different 'tastes' (likes and dislikes), but also similar needs (to be loved and respected, to be safe).

a basic understanding that feelings and actions are two different things, and that our good actions can 'form' our feelings and our character.

simple strategies for managing feelings and for good behaviour
that choices have consequences; that when we make mistakes we are called to receive forgiveness and to forgive others when they make mistakes
that Jesus died on the cross so that we would be forgiven
and appreciate that there are natural life stages from birth to death, and what these are
we are part of God's family

saying sorry is important and can mend friendships
Jesus cared for others and had expectations of them and how they should act
We should love other people in the same way God loves us
How their behaviour affects other people, and that there is appropriate and inappropriate behaviour

The characteristics of positive and negative relationships
Different types of teasing and that all bullying is wrong and unacceptable

Dear God,
Help me spend today
with a **Smile** on my face,
Love in my heart,
Joy in His grace,
and my **thinking cap** on all day.
Amen



English

World book day 3.3.22 *Greta and the Giants*
Different stories by the same author-**Julia Donaldson**
Texts-Dinosaurs diary & The ugly five
Non-chronological reports-
Text- Gray wolf Tyler Grady

Reading

- * read accurately by blending the sounds in words that contain the graphemes taught so far, especially recognising alternative sounds for graphemes
- * read most words quickly and accurately, without overt sounding and blending, when they have been frequently encountered
- * listening to, discussing and expressing views about a wide range of contemporary and classic poetry, stories and non-fiction at a level beyond that at which they can read independently
- * drawing on what they already know or on background information and vocabulary provided by the teacher
- * making inferences on the basis of what is being said and done
- * participate in discussion about books, poems and other works that are read to them and those that they can read for themselves, taking turns and listening to what others say

Writing

- * planning or saying out loud what they are going to write about
- *writing narratives about personal experiences and those of others (real and fictional) (Write a story based on a setting or theme from the text)
- *writing about real events
- *writing poetry (Write a rhyme or short poem based on a theme from the text)
- *writing for different purposes (Write a set of instructions or an explanation based on a theme from the text)
- * proof-reading to check for errors in spelling, grammar and punctuation [for example, ends of sentences punctuated correctly]

Spelling

Adding er, -est

and -y to words of one syllable ending in a single consonant letter after a single vowel letter

- *spell common exception words for year 2

R.E

Lent/Easter - Giving

Focuses on Jesus' loving self-giving on the cross, the Father's love that raises him to new life and the challenge to Christian's to follow Jesus' example of self-giving.



Science

Uses of Everyday Materials

Pupils will build upon their knowledge of materials from Year 1 and will look closely into the suitability of everyday materials. The children will work scientifically by investigating the impact of forces such as: bending, stretching and squeezing have upon such materials. They will go further by investigating the bounciness of balls, and will design a uniform for an army person and test the durability of the materials that they chose using sandpaper and weights.

Mathematics

Addition and subtraction

Add 2-digit numbers using a landmarked number line.

Subtract 2-digit numbers using grid.

Subtract 2-digit numbers using a landmarked line.

Find change from 50p using pairs to 10.

Find change by counting up to find a difference.

Add 5, 1-digit numbers looking out for number facts to help.

Sort additions into how they need to be worked out.

Sort subtractions according to how they can be worked out.

Subtracting two 2-digit numbers.

Sort addition/subtractions.

Multiplication and division

Multiplication as equal groups; 2 times table; 5 times table; 10 times table; Multiplying by 2, 5 and 10; Solving word problems; Grouping; Sharing; Dividing by 2; Dividing by 5; Dividing by 10; Multiplication and division; Solving word problems; Odd and even numbers

Statistics

Children will learn to draw simple charts and graphs. They will be able to sort categories by their quantities and will be able to compare sets of data.

Geometry – Properties of Shape

Children will learn to describe shapes. They will also learn to find 2D shapes in 3D shapes, arrange shapes into patterns, and use rotation.

Fractions

Children will continue to learn about halves and quarters. They will also begin to think about thirds.