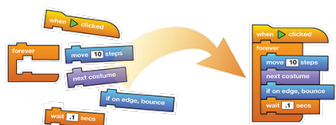


Computing

Basic Block Coding

In this unit pupils will use the Code Studio site to write their own block code in a number of different projects



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. Word and spelling knowledge will be worked on extensively.

Music

Zootime

Children will think of different animals and compose short pieces of music using their bodies and instruments made from objects in the spaces they are in



History – Fighting Fit - How did Florence Nightingale, Mary Seacole & Edith Cavell help to keep us healthy?

Knowledge and understanding to be taught this topic:

To identify famous people from the present and the past

To learn about the life of Florence Nightingale and why she acted as she did

To know about the work of Florence Nightingale in the Crimea

To understand that people and events in the past have helped to change Britain and how we live today

To sequence events in Florence Nightingale's life in chronological order
To be able to recount the main events in Florence Nightingale's life

To know about conditions in the Crimea
To be able to select information from pictures about conditions in the hospital in Scutari

To know about some of the improvements made by Florence Nightingale

To know why Florence Nightingale is remembered today

To know who Edith Cavell is and make

Art – Let's Sculpt

Knowledge and understanding to be taught this topic:
Use a range of materials creatively to design and make products

Use drawing, painting and sculpture to develop and share their ideas, experiences and imagination

Develop a wide range of art and design techniques in using colour, pattern, texture, line, shape, form and space

To learn about the work of a range of artists, craft makers and designers, describing the differences and similarities between different practices and disciplines, and making links to their own work

PSHE

Dreams and Goals

Children will explore their own self confidence and self-awareness. They will learn how to recognise and manage feelings and behaviour. They will discuss the importance of making relationships, understanding the world, physical development, active learning and motivation and creating and thinking critically.

Healthy Me:

Children will learn all about making healthy choices, being physically active and eating a healthy, balanced diet. They will explore keeping themselves and others safe and know how to be a good friend and enjoy healthy friendships. Children will learn how

PE – Athletics and Fitness

Copy, remember and repeat simple skills with control and co-ordination

Pass a ball accurately to a partner over a variety of distances perform a range of rolling, throwing, striking, kicking, catching and gathering skills, with control. Show a good awareness of others in running, chasing and avoiding games, making simple decisions about when and where to run.

Pupils vary skills, actions and ideas.

They begin to show some understanding of simple tactics They vary skills and show some understanding of simple tactics. Choose and use tactics to suit different situations. React to situations in a way that helps their partners and makes it difficult for their opponents

Technique

Perform a variety of actions with increasing control. Repeat accurately sequences of gymnastic. Actions move smoothly from a position of stillness to a travelling movement. Move smoothly and in a controlled way from one position of stillness to another.

Skill

Choose, use and vary simple compositional ideas to create and perform a sequence. Devise, repeat and perform a short sequence in which there is a clear beginning, middle and end. Adapt the sequence to include apparatus or a partner. Use different combinations of floor, mats and apparatus, showing control, accuracy and fluency.

Class Novel

The Lion the Witch and the Wardrobe
C.S Lewis
The Twits Roald Dahl

English

Traditional Tales – Beauty and The Beast

Children will be able to identify the characters and main events; respond in role as a character and infer character feelings; join in with repetitive phrases; re-tell a story orally; know the features of a simple narrative text. Children will be able to create own story maps/plans with events in order and orally re-tell their innovated story. Children will be able to construct their own short narrative based on a story map using focus skills and features.

Explanation Texts – How does a Lighthouse work?

This term children will write a variety of explanations. They will learn how to proof-read their work and edit to check for mistakes and improvements.

Poetry Really Looking

This term children will read a variety of poems by different authors. Children will look at some of the features and the use of language. They will write their own poems in the chosen style.

Handwriting

- *form lower-case letters of the correct size relative to one another
- *write capital letters and digits of the correct size, orientation and relationship to one another and to lower case letters
- *use spacing between words that reflects the size of the letters
- *start using some of the diagonal and horizontal strokes needed to join letters and understand which letters, when adjacent to one another, are best left unjoined

a b c d e
f g h i j k
l m n o p
q r s t u
v w x y z

R.E

Local Church- Family

This Topic: learning outcomes

Know and understand:

- About the different books used at home and in school – **Explore**
- The books used in Church on Sunday by the parish family – **Reveal**

Acquire the skills of assimilation, celebration and application of the above – **Respond**

Eucharist- Relating

This Topic: learning outcomes

Know and understand:

- Different ways to say thank you – **Explore**
- The Eucharist: the parish family thanks God for Jesus – **Reveal**

Acquire the skills of assimilation celebration and application of the above – **Respond**



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

Number and place value

Compare numbers using the symbols < and >.

Identify properties of numbers and use this to sort them.

Use ordinal numbers in context up to 10th and beyond.

Round 2-digit numbers to nearest multiple of 10.

Round 2-digit numbers to nearest multiple of 10.

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.

Money, addition and Fractions

Making two-digit amounts using coins.

Adding two-digit money amounts.

Finding $\frac{1}{2}$ and $\frac{1}{4}$ of amounts by sharing.

Find $\frac{1}{2}$ and $\frac{1}{4}$ of amounts by sharing and using number fact.

Find $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$ of amounts by sharing and using number facts.

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

Shape and measures

Naming 3D shapes.

Naming 3D shapes and identifying their properties.

Naming 3D shapes and identifying their properties.

Telling time to nearest quarter on analogue clocks.

Telling time to the nearest quarter; beginning to tell the time to the nearest five minutes.