

# **CURRICULUM OVERVIEW YEAR 2 AUTUMN**

## **MATHS**

- Writing figures up to 100
- Counting – counting on and back in 1s and 10s from a 2-digit number, crossing a multiple of 10, beginning to count up to 100 objects by grouping in 5s or 10s, estimating up to 50 objects
- Place value – partitioning 2-digit numbers into T and U, ordering numbers up to at least 100 and identifying numbers that are in between them
- Addition and subtraction facts– counting on from the larger number, crossing a multiple of 10, adding three numbers by putting the largest number first, number bonds to 10 and 20, missing number sentences
- Measuring – estimating, measuring and comparing lengths in cm and metres, using a ruler
- Time – hours in a day, days in a week, months in a year, seasons in a year
- Shape – names of common 2D and 3D shapes, sorting shapes, describing shapes, recognising lines of symmetry, making symmetrical patterns
- Doubles of numbers up to at least 15 and corresponding halves
- Money – totals of sets of coins, adding three or more numbers, paying an exact sum, correctly using £ and p symbols.

## **ENGLISH**

- Fiction – Stories with familiar settings and stories from other cultures
- Non-fiction – Building up skills in order to write instructions
- Poetry – Reading and writing poems in different styles
- Writing – Children will be encouraged to use talk to help them develop their ideas for writing. They will build up and plan a story in sections, using a broad range of vocabulary. They will be taught how to use a mixture of simple and compound sentences.
- Reinforce correct punctuation including full stops, capital letters, apostrophes for contracted forms and possession, and correctly using present and past tense in our writing. Children will also learn how to identify features of language such as adjectives, nouns etc.
- Phonics - Understanding that the same sound in words can be written in different ways

## **WELCOME TO YEAR 2**

We continue to teach the children how to organise themselves independently. This means that they should be responsible for checking that their books are in the box for changing if necessary and that any letters for the office go in the 'office box'.

Children should be reading their 'home' reading books every evening for about 10-15 minutes every day. If your child has read at home and needs to change their book please remind them to put it in the book changing box when they arrive in class. In school we teach the children reading strategies and skills as part of the daily literacy lesson. The children will take part in weekly guided reading sessions. This session is for the teaching of specific reading skills by the Class teacher. Spelling will be taught through three small group sessions each week. Home Learning will support learning and will be sent home every Friday to be returned the following Tuesday. Please support your child but encourage them to be as independent as possible.

The children will have PE on Tuesdays and Fridays, and swimming on Wednesday. Please make sure your child has a full, named PE kit in school for indoor PE (school shorts and tee-shirt) and a full PE kit for outdoor PE (dark coloured tracksuit and trainers). Girls need to arrive without earrings or be able to take them out and replace them on their own on these days.

## **VALUES – Perseverance and Trust**

## **THEME - Superheroes**

## **SCIENCE**

This term, as in other subject areas, we will link our Science to our theme of Superheroes. Our first unit of learning will be 'Ourselves and Keeping Healthy'. Through this unit children learn that animals (including humans) grow and reproduce. They will use ideas about feeding and growth to learn about ways we need to look after ourselves to stay healthy. Children will also consider ways in which science is relevant to their personal health and to relate science to aspects of their everyday life (food, exercise, medicines), and to recognise and control hazards and risks to themselves.

Our next unit will be all about materials. Through this unit children will learn to distinguish between an object and the material from which it is made. They will learn about some of the ways materials can be changed and that heating can cause changes which produce materials which are often useful. Our experimental and investigative work in this unit will focus on thinking about what is expected to happen, making and recording observations and comparisons and deciding whether a test is fair.

## Music

Sing songs and speaking chants

Play tuned instruments

Use simple musical notation

Perform singing and instruments in front of an audience

Opportunity to learn a musical instrument

We will be learning to play tuned percussion instruments and read simple music notations.

After the half term break we will be learning songs and rehearsing for our FS and KS1 nativity.

## History and Geography – History focus this term

Develop understanding and be able to use common phrases that relate to the passing of time

Have an understanding of a timeline

Find information from sources

In our History learning we will be continuing our theme of 'Superheroes'.

We will be creating our own family trees showing different generations of our families and we will create timelines to show important events in our own lives and the lives of people in our families.

We will think about what it means to be a 'hero' and we will consider who we feel to be heroes in our families.

We will learn about real-life heroes including Florence Nightingale. We will learn who she was and why she was considered to be a hero.

## DT

### Design:

Design products for others that are purposeful, functional and appealing based on design criteria.

### Make:

Select tools and use a range of equipment.

### Evaluate:

Evaluate their ideas and products against design criteria.

### Cooking and Nutrition:

Use the basic principles of a healthy varied diet to prepare nutritious dishes.

We will be completing two DT projects this term. The first will be a food project. We will taste different fruit and vegetables and learn about the importance of a healthy diet linked to Science. We will practise different food preparation techniques including chopping, peeling and grating and will use our skills to design and make a healthy snack for a superhero. We will also link our DT to Science for our second project. We will use our knowledge of materials and their properties to design and make a new cape for a superhero. We will evaluate our healthy snacks and our superhero capes.

## RE

The units which will be covered this term are: 'Why is Harvest a worldwide celebration?', 'Why is the bible an important book for Christians?' and 'What does the Christmas story tell Christians about Jesus?'

## Art

Know about great artists

Use a range of materials creatively to design and make products

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

We will be learning who Andy Warhol is and looking at some of his famous artwork. We will be linking his use of bold colours to the colours used in comic book art. We will create our own artwork in the style of Andy Warhol using different techniques and mediums including paint and pastels.

## Year 2

## Computing

Communicating text and images - use IT to communicate ideas through text and images, consider every choice when using different effects, use clear text that communicates information effectively

Children will be learning about how e-mail works. They will practise typing their own e-mails and learn how to communicate safely online. They will learn about personal information and why this should be kept private.

Computation thinking – use logical reasoning to predict the behaviour of simple programs, understand what algorithms are, create and debug simple programs

The children will be introduced to a visual programming language. Using the context of art and drawing, the children will be engaged in creatively developing simple animations.

## PE

We will be swimming before half term. This term, we will also be doing Real PE, gymnastics and dance. In gymnastics we will be practising different ways of travelling, linking actions together and being still. We will use the small and large apparatus. We will practise our performance skills. In our dance learning we will be creating and performing short dances, communicating different moods through dance and responding imaginatively to stimuli.