



# Harvey Road School

## Class 4

### Autumn 2016

#### **Welcome to Class 4!**

Hello and welcome to Year 4! I hope you have all had a restful summer break and are ready for a new year. Here you will find information about the curriculum for this term. If you have any questions, please feel free to pop in and see me.

Mrs Palfreyman

#### **Essential information**

**Homework** – Homework will be given on a Friday to be completed over the weekend and handed in on the following Tuesday. If there are any problems with homework, children then have the opportunity to ask for further assistance at school on Monday, if they need it. Homework diaries will be used as a communication link between home and school. On a Friday we will fill in any important upcoming events in the next week at school. Homework diaries must be in school every day and should be signed by parents over the weekend ready for Monday when they will be checked, this must be done by Tuesday at the latest.

**Spellings** – tests will be on a Friday. The children will be given a list of sentences with key words to learn and they will have until the following Friday to learn them. Spelling books must be in school on Fridays.

**Times tables and divisions**- There will be a weekly times table and division test on a Wednesday. The children will be given a different set of times tables to learn and practice each week.

**PE** – PE lessons will be on a Wednesday and Friday. Please ensure your child has a full PE kit in school all week as we occasionally do additional PE on other days. Children will need a jumper and tracksuit bottoms as the weather gets cooler; a pair of supportive trainers, rather than plimsolls; and should not wear earrings on PE days if possible.

**PPA**- Mrs Edmunds will be providing PPA cover for our class. She will be teaching RE, Music and French on a Thursday morning.

## English

Children will be reading at school regularly, either individually, with an adult, or as part of a class shared reading activity. It is also really important for you to listen to your child read at home on a daily basis to reinforce their understanding of a text and grasp of new vocabulary. Grammar activities will be done in class and the children will bring home grammar activities as homework from time to time. Spellings will continue to be a focus and there is a weekly test, on a Friday.

The units covered in Literacy this term are: Stories set in imaginary worlds, information texts, imagery in poetry and stories which raise issues and dilemmas. Children will have the opportunity to read many texts from a genre while studying the specific features of that text before planning, writing and editing their own final story, poem or information page.

## Maths

**Number and place value-** Children will look at place value in numbers with at least 4 digits and will round numbers to the nearest 10, 100 or 1000. We will also look at negative numbers and where/when we might need to use them.

**Addition, subtraction, multiplication and division-** We will be focusing on the formal written methods for addition and subtraction and using these calculations to solve two step problems. Children will work on consolidating their understanding of multiplication using arrays. Weekly times table and division tests will help the children learn their tables, and we will focus on all tables up to 12 x 12, throughout year 4.

**Geometry-** We will identify, compare and classify 2D shapes, including whether they are regular or irregular. We will look at naming angles as acute or obtuse and will learn to measure, order and compare angles.

**Statistics-** We will be learning how to extract data from a range of charts and graphs including pictograms and the children will be learning how to construct their own graphs to present data.

## Science

**Living things and their habitats** Children will study a variety of habitats and investigate living things found there. They will learn to pose questions to investigate a habitat and recognise how habitats can change and pose dangers to living things.

**Animals including humans** Children will learn to understand why we have a skeleton and compare the skeletons of different animals. They will learn to locate the main bones in the human body and also look at the role of muscles. Within this topic, children will learn about the digestive system and learn to construct and interpret a variety of food chains.

## Geography/History

**Mountains** Children learn where the major mountain ranges are and explore the size, features and climates of some of the world's tallest mountains, before looking at why mountains are such popular tourist destinations and the effects this has on the mountain environment.

**Egyptian Civilisation** Children will discover about ancient Egypt and learn about: the River Nile and its role in ancient life; Tutankhamen and the story of his tomb discovery; the grisly process of mummification; the pyramids; daily life in ancient Egypt and the importance of remaining artefacts.

## **D&T**

**Wallets** We will investigate the function and properties of money containers, then design our own wallet or purse. We will learn a variety of stitches with which to sew our wallets. Any opportunity to practice sewing at home will come in very handy!

## **Art**

**Printing** Children will learn skills related to a variety of printing techniques. They will also be designing and creating their own stampers from a range of different materials to make their prints.

## **Music**

The children will be focusing on beat, pitch and structure in music. They will learn to develop their listening skills and create repeated patterns in music as well as composing simple 5 note melodies on the staff. Some of our music will link to our history topic on Ancient Egypt and the children will compose their own music using a layered structure.

## **PE**

**Dance** Children will be working individually, in pairs and in small groups to create, perform and review short dance sequences.

**Gym** We will be combining floor work and gymnastic apparatus with a focus on balance.

**Outdoor adventurous activities** Children will have the opportunity to develop their team building, communication, map reading and fitness skills as we focus on orienteering around the school grounds.

## **ICT**

**Accuracy counts** Children investigate the concept of computer networks including the internet and the services offered on it. They use and compare search engines on the World Wide Web, selecting and evaluating with increasing discernment and respecting copyright when creating their own content. They use spreadsheet software to create graphs and to explore number patterns.

## **RE**

Children will learn about the different Hindu gods and the use of shrines for worship in a Hindu home. Before Christmas, children will learn about the importance of Advent in the Christian calendar and how advent is recognised around the globe.

## **PSHE**

To start the term the children will be collaboratively writing a set of class rules and helping to develop our ethos for a safe learning environment. We will be talking about friendship and the importance of welcoming and including others.

## **MFL**

We will start by learning how to introduce ourselves and then children will learn the names of different animals including their pets and use adjectives to describe them and their habitats.

