



# Harvey Road School

## Class 5

### Spring 2017

#### **Happy New Year!**

Enclosed within this brochure you will find details about what your child will be learning in all the different areas of the curriculum this term. If you have any questions or concerns please come and speak with Mrs Barcroft or Mrs Shillibeer.

#### **Essential information**

##### **Homework**

##### Literacy and Reading

Literacy homework will be given on Thursday and will be due in on Monday. It is also very important to hear your child read at least three times per week. The children will be expected to continue with their own reading on a daily basis and we would be grateful if you could sign and date the right hand page in their Homework Diary. Please sign your child's Homework Diary for that week.

##### Spellings

The children have spelling tests on Fridays and are given their new spellings on the same day. In addition to learning their spellings.

##### Maths

Maths homework is given every Monday and will be due in by the Wednesday. This is usually given to reinforce and consolidate work undertaken in the classroom. If your child has any difficulties it is important that we know, so please note any problems on the worksheets or come and see us in person. The children will also be tested on their times tables knowledge once a week. Please encourage them to practise these at home with you.

**P.E.** Lessons this term will be on Tuesdays and Wednesdays, therefore the children will need their PE kits at school on these days.

**Library** The children will be responsible for changing their own library books as and when they need to.

**Mrs Barcroft will be teaching all day Monday, Tuesday and Wednesday and Mrs Shillibeer, Thursday and Friday.** The HLTA (LSA) working in Year 5 will be Mrs Smith.

If you have any issues or concerns that you wish to discuss, please do come and see us.

Best wishes from the Class 5 Team

## English

The children will be comparing the work of significant children's authors, in fiction and poetry. They will be studying the perspective of the author and writing the same texts from different points of view. Much of their writing will link to the varied literature studied during lessons. Pupils will consider how authors have developed story lines, characters and settings and use this knowledge to help improve their own writing compositions. The children will be encouraged to participate in class discussions, respond to questions in the role of a particular character, and short poems and/or texts to the class.

During lessons on reading comprehension, they will be focusing and answering questions on authorial intent, inference and deduction. Children will need to practise reading regularly to an adult and independently to improve their skills in this most important area. When reading non-fiction we'll be looking at explanations and non-chronological reports linked to other areas like history and geography. Accurate reading and applying their growing knowledge of root words, prefixes and suffixes will promote their understanding of new vocabulary. Other essential areas of study will include handwriting and presentation, spelling, vocabulary, grammar and punctuation.

## Maths

Following the new 2014 Numeracy Framework – the children will be identifying and working with numbers up to 10 000 000 and will be able to determine the value of each digit. They will also be using negative numbers and calculating intervals across zero. They will apply this knowledge to solve a range of mathematical problems. They will use all four number operations to solve multi-step maths problems involving money, measurement or 'real life'. Number operations will include completing long multiplication and long division using multi-digit numbers up to 4 digits by a two-digit whole number.

The children will be taught a number of efficient methods but primarily formal written methods. Mental calculations will be taught regularly and will include mixed operations and large numbers. They will be encouraged to estimate so as to check their answers are realistic. Fractions, decimals and percentages will be linked to help show how they relate to each other, encouraging children's flexibility when solving mathematical tasks. Children will compare and order fractions of different denominations. They will also be taught to add, subtract, multiply and divide fractions. Pupils will be taught to identify the place value of decimals up to three places. Multiplying and dividing whole numbers and decimals by 10, 100, 1000 will also be practiced. Children will also study Ratio and proportion, Algebra, Measurement, Geometry and Statistics (Data Handling).

## Science

Materials and their properties: Reversible and irreversible changes. Dissolving, solutions, suspensions and sediments.

Changing state: Looking at solids, liquids and gases, the water cycle natural and scientific. Exploring evaporation, condensation and precipitation.

## History/Geography

In History we will be completing our studies on the Anglo Saxon civilisation, We will also try to answer questions such as: What was life like for their communities? The importance of that era in shaping future civilizations.

In Geography we will then be studying South America, including the countries within this fascinating continent, the industry, its people and comparing the differences and similarities between their cultures.

## D&T

Bread making - Looking at various breads, their ingredients and taste. Making their own bread, choice of different breads. The children will also be visiting a working bakery.

## Art

### Sculpture

We will be learning how to use a range of media to create a 3D composition. We will have a go at translating ideas from 2D to 3D, learn about Damien Hirst style sculptures. We will also study the work of other sculptors such as Giacometti and David Klass.

## Music

We will be developing our writing of standard pitch notation using the stave and all the notes of the scale. We will also be appraising movie music from the 1920s to present day culminating in a group composition of our own movie music.

## PE

Invasion skills through tag rugby, football, hockey, tag rugby and basketball.

Fitness/Gymnastics: children will be taking part in aerobic activities to increase their levels of fitness, creatively and skillfully using the apparatus in the hall. We will sometimes use the music as a stimulus.

## ICT

### Data Matters

Children investigate their digital footprints and discuss ways of using online tools responsibly securely and safely. They design, create and search flat-file databases, producing reports from the data and considering accuracy and efficiency.

## **RE**

Comparisons between Judaism and Christianity, festivals and celebrations. We will particularly focus on the Jewish festival of Purim and the Christian Festival of Easter. We will look at the roles that the religious leaders play in those festivals

## **PSHE**

To study and learn about the importance of British Values, in keeping with the New Curriculum.

## **FRENCH**

To revise and perform simple communicative tasks using single words, phrases and short sentences. This term we will be mostly focusing on school, pets and family, and food.