YEAR 5 Elm Class

### TEACHER'S NAME: Mrs Joshua & Dr Edmondson

# **Mathematics**

This term we will study:

- Place value, including decimals;
- Adding and subtracting numbers with more than 4 digits and decimals with 2 decimal places:
- Dividing numbers up to 4 digits by a one-digit number and interpreting remainders;
- Using estimation and inverse to check answers:
- Recognising cube and square numbers
- Fractions (converting from mixed numbers to improper fractions and back again; comparing and ordering fractions, identifying equivalent fractions; adding and subtracting fractions, multiplying fractions by whole numbers);
- Converting between units of measure, including time;
- Reasoning about shapes, including 3D shapes;
- Calculating and comparing the areas of rectangles.

### English

### Poetry

In the first half term we will be reading the **poetry** book 'Werewolf Club Rules' by Joseph Coelho. This collection of poems covers themes of school and family life. The poems will be used as a way of exploring personal storytelling, emotional responses and the use of language to describe settings. Key skills include:

- Interpreting poems for performance
- Using art as a response to a poem
- Recognizing figurative language and its effect on the reader
- Drafting and composing own poems

# Adventure story/picture book

In the second half of this term we will be reading 'Shackleton's Journey' which explores the theme of historic expeditions and Antarctica. We will also focus on writing news reports, letters, diary entries, and making predictions about what we think will happen in the text. There will be opportunities to read, listen, speak and debate about various subjects.

We will be doing regular grammar lessons to improve speaking, listening and writing skills with a focus on handwriting and punctuation.

#### ICT

- Podcasting
- Poster design
- Searching Databases

# **International Primary Curriculum**

# **Making New Materials**

This unit covers the following objectives:

### Science

Conducting scientific investigations

-Using their scientific knowledge and understanding to predict the outcome

- Explaining and justifying their predictions, investigations, findings and conclusions
- Recording and communicating their findings accurately using the most appropriate medium and the appropriate scientific vocabulary and conventions

Identifying patterns in the results

Using scientific language to explain any differences found in the results of investigations

### History

-Finding out about aspects of the past from a range of sources

- Describing how the history of one country affects that of another

# Technology

-Responding to identified needs, wants and opportunities with informed designs and products

- Gathering and using information to suggest solutions to problems
- Working with a variety of tools and materials with some accuracy
- Testing and evaluating their own work and improve on it

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Using a wide variety of new materials, forms and techniques to express their emotions, observations and experiences -Communicating through visual and tactile forms

### International Learning

-Explaining how the lives of people in one country or group are affected by the activities of other countries or groups -Identifying ways in which people work together for mutual benefit

The second half term unit of study is: Extreme Survivors

The big idea: If you lived in an extremely harsh environment, for example, in the driest desert or in the coldest place on Earth your body and behaviour would need to adapt in order to survive. So a cactus in the desert adapts by growing a thick stem to store water and a walrus develops layers of fat to survive the cold. But how would you survive if you were a small fish in the deepest, darkest ocean?

Full information including objectives is published outside classroom.

Full information is published on our website.

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# R.E. Changes

The children will develop the ability to reflect on their feelings, relationships, experiences beliefs and practices.

### We will be learning:

- How to acknowledge the amount of change that is taking place
- How to talk about changes that have happened to them
- How to think positively about the future

### P.E.

## Swimming:

The children will be learning to develop swimming skills during their weekly visits to Acton Swimming Baths.

- Build confidence in swimming techniques
- Build on previous swimming

### Rounders

- Develop as team players.
- Develop; throwing, catching and batting skills.

# Ukulele -Every Thursday

Music

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Weekly ukulele lessons with professional music teachers. The children will continue to build and develop skills of playing the ukulele and reading music.

# French L'argent de Poche

Prepare and practise simple conversations, using familiar vocabulary and structures in new contexts

Listen and respond to simple rhymes, stories and songs

Write short sentences to describe something and express opinion

Listen attentively and understand instructions, everyday classroom language and praise words

# practices.