

Term 3 and 4 Elm Class Year 5/6

Maths

We will develop our understanding of fractions: converting mixed numbers to improper fractions and vice versa, adding, subtracting, multiplying (Year 6 will also be dividing fractions), ordering and find fractions of amounts. We will learn about decimal: Year 5 will learn to compare, round, order: Year 6 will be multiplying and dividing and both will explore the relationship between fractions and decimals. In Term 4 we will be learning about percentages and how to calculate perimeter and area.



English

We will continue to learn and develop our understanding of phonics to apply spelling rules, grammar, and develop our handwriting style. We will be learning to develop our skills as non-fiction and fiction writers.

RHSE

Key Theme: My Beliefs, Asking for help and My rights and responsibilities.

Science

We will be learning about Electricity and Forces

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- use recognised symbols when representing a simple circuit in a diagram
- be able to use recognised symbols when representing a simple circuit in a diagram
- explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object
- identify the effects of air resistance, water resistance and friction, that act between moving surfaces
- recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect

Computing

We will continue to develop our understanding regarding online safety, explore conditions and selection using a programmable microcontroller. Designing and creating webpages, giving consideration to copyright, aesthetics, and navigation.

Music

Develop a sense of pulse/beat and rhythm, develop our listening skills, explore music from different genres and an understanding of musical notation. Continue to learn songs and moves for Young voices and perform in front of an audience.

French

We will develop our accuracy in pronunciation and intonation, listen more attentively, and understand more complex phrases and sentences.

Art and D&T

We will look at Art created by Stephanie Peters and select colours and brush size to create mood. We will learn about structures and struts, and how buildings can withstand natural disasters.

PE

We will develop our skills in playing competitive games, modified where appropriate and apply basic principles suitable for attacking and defending and in dance – traditional and modern – learn to perform dances using a range of movement patterns

History and Geography

We will be learning about physical geography, including volcanoes and earthquakes

RE

We will be learning about what it means to be a Muslim in Britain today and why the Torah so important to Jewish people.