

### Maths

We will develop our understanding of place value in numbers up to ten million, the four operations: addition and subtraction with whole numbers with more than four digits, inverse operation and solving multistep problems; multiplying a four digit number by a one-digit and two and three-digit number; short and long division, including remainders and will be looking at factors.

### Science

We will be learning to:

- recognise that light appears to travel in straight lines
- use the idea that light travels in straight lines to explain that objects are seen because they give out or reflect light into the eye
- explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- use the idea that light travels in straight lines to explain why shadows have the same shape as the objects that cast them.

### French

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

### PE

We will learn about control and movement during invasion games and gymnastics, and develop our OAA skills and our swimming strokes and water safety skills.

## Term 1 and 2 Elm Class Year 5/6

### Time Travel



### Computing

**Communication and Collaboration:** We will learn how data is transferred over the internet, how the internet facilitates online communication and collaboration, and how to communicate responsibly by considering what should and should not be shared on the internet.

#### Data and information – Flat-file databases

We learn how a flat-file database can be used to organise data in records, ask and answer questions about data and create graphs and charts from their data to help solve problems.

### History and Geography

As historians we will be learning about ancient Greece, including: significant events, some of the impacts of Alexander the Great's Empire, key features of the everyday lives of people, name some similarities and differences between life in ancient Athens and life in ancient Sparta, make comparison between modern and ancient Olympic Games and learn about gods and goddesses. As geographers we will Use a globe to describe points on our earth, identify lines of latitude and longitude, identify the northern and southern hemispheres, identify which time zones different countries are in, know what the Prime/ Greenwich Meridian is and make comparisons between different time zones.

### 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.

### Wellbeing

We will continue to learn what is meant by resilience; about different types of relationships we may encounter and recognise how images in the media, including online, do not always reflect reality and can have an effect on people.

### Music

We will learn about swing style jazz, developing a sense of rhythm patterns and melodies, and develop our listening skills. We will learn to sing and perform songs for a Christmas concert.

### Art and D&T

We will learn about Henri Matisse and create our work based on his style; we will learn about the principles of a healthy and varied diet, understand about seasonality and use a variety of techniques to cook predominantly savoury dishes.

### RE

We will be exploring the question 'What would Jesus do?', thinking about the relevance of Jesus' teaching today and will be looking at forgiveness, love, fairness/justice, right choices and kindness/ generosity, and also 'Why do some people believe in God and some people not?'