



# Elm Class

Term 1



## Maths

### Place Value

- count in multiples of 6, 7, 9, 25 and 1000
- find 1000 more or less than a given number
- count backwards through zero to include negative numbers
- recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
- order and compare numbers beyond 1000
- identify, represent and estimate numbers using different representations
- round any number to the nearest 10, 100 or 1000
- solve number and practical problems that involve all of the above and with increasingly large positive numbers
- read Roman numerals to 100 (I to C)
- know that over time, the numeral system changed to include the concept of zero and place value.

### Addition

- add numbers with up to 4 digits
- using the formal written methods of columnar addition where appropriate
- estimate and use inverse operations to check answers to a calculation
- solve addition two-step problems in context

# English

## Phonics

- ous suffix
- in-, il-, im-, ir prefixes
- re, sub, inter prefixes
- spell homophones
- contractions
- use the first two or three letters of a word to check its spelling in a dictionary

## Writing

- using the present perfect form of verbs in contrast to the past tense
- choosing nouns or pronouns appropriately for clarity and cohesion and to avoid repetition
- introduce fronted adverbials
- using and punctuating direct speech accurately

### **draft and write by:**

- composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures
- organising paragraphs around a theme
- in narratives, creating settings, characters and plot
- in non-narrative material, using simple organisational devices [for example, headings and sub-headings]

### **evaluate and edit by:**

- assessing the effectiveness of their own and others' writing and suggesting improvements
- proposing changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences
- proof-read for spelling and punctuation errors

## Reading

- use dictionaries to check the meaning of words that they have read
- discuss words and phrases that capture the reader's interest and imagination
- check that the text makes sense to them, discussing their understanding and explaining the meaning of words in context
- ask questions to improve their understanding of a text
- predict what might happen from details stated
- participate in discussion about both books that are read to them and those they can read for themselves, taking turns and listening to what others say

## **Science - Electricity**

As a scientist, I will be improving my scientific knowledge by:

- identifying common appliances that run on electricity
- constructing a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers
- identifying whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
- recognising that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- recognising some common conductors and insulators, and associate metals with being good conductors.

As a Scientist, I will be improving my scientific skills by:

- setting up a simple practical enquiry
- recording findings using drawings
- using results to make predictions

## **Humanities - Ancient Egypt**

I will be improving my knowledge by learning:

- that Ancient Egypt was an early civilization
- about the achievements of the Ancient Egyptians and how they changed the world
- the key features of Ancient Egyptian society
- to compare and contrast Ancient Egypt society with today
- about the importance of the River Nile
- about hieroglyphics
- about religion and Ancient Egyptian gods
- about pharaohs