



Elm Class

Term 3



Maths

Place Value

- count in multiples of 6, 7, 9, 25 and 1000

Multiplication and Division

- recall multiplication and division facts for multiplication tables up to 12×12
- use place value, known and derived facts to multiply and divide mentally
- multiplying by 0 and 1; dividing by 1; multiplying together three numbers
- recognise and use factor pairs
- understand commutativity in mental calculations
- multiply two-digit and three-digit numbers by a one-digit number
- solve problems involving multiplying and adding,
- use the distributive law to multiply two-digit numbers by one digit

Perimeter and Area

- measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- find the area of rectilinear shapes by counting squares

English

Phonics

- contractions
- possessive apostrophes
- possessive apostrophes with plural words
- the short 'i' phoneme spelt y in the middle of words
- words with the sh phoneme, but spelt ch
- 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
- indicating possession by using the possessive apostrophe with plural nouns
- using conjunctions, adverbs and prepositions to express time and cause

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

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

Geography - The World Around Us

I will be improving my knowledge by learning:

- to use maps, atlases and globes to locate countries;
- to name and use the 8 points of a compass;
- to use 4- and 6-figure grid references;
- to identify the position and significance of latitude, longitude, Equator, Northern Hemisphere, Southern Hemisphere, the Tropics of Cancer and Capricorn, Arctic and Antarctic Circle;
- to locate the world's countries, using maps to focus on Europe including the location of Russia;
- to describe and explain how physical processes have changed the characteristics of the landscape of a country including mountains and volcanoes;
- to explain how people try to sustain the environment.