

Year 4 Knowledge Organiser – Autumn term 2

Maths –

- written strategies for all 4 operations
+ - x ÷
- length and perimeter
- Solving one and two step problems

- Times tables

By the end of year 4 it is expected that children will know all multiplication facts by heart. Please encourage your child to use times tables rockstars as often as possible

Writing

We will be using Film Narratives and Anne Fine's novel *Bill's New Frock* to retell and create both stories and play scripts.

Grammar

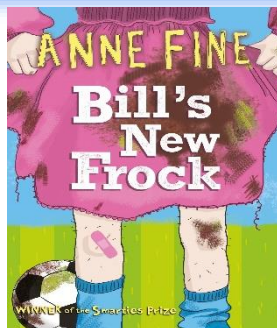
To use fronted adverbials, with a comma to punctuate
Compose sentences using a wide range of vocabulary and sentence structure
Know the difference between standard and nonstandard English
Continue to improve the quality of our handwriting

Spelling

To spell the words from the year 3 and 4 list
To use the first 2 or 3 letters in a word to check its spelling in a dictionary
To recognise and spell homophones
To spell words with a prefix or a suffix

Reading

Develop positive attitudes to reading
Understand what they read
Retrieve and record information
Infer using what they know in both pictures and texts



RHE

Thinking about how we show respect for both ourselves and others.

Discussing the right to privacy

Ways we could respond if someone is not being shown respect

Spanish

Name and describe people, places and objects

Give response using a short phrase

Write a paragraph about a familiar topic

To write about Christmas objects and describe them using adjectives

Science

Identify and name appliances that require electricity to function

Construct a series circuit

Identify and name the components in a series circuit (including cells, wires, bulbs, switches and buzzers)

Predict and test whether a lamp will light within a circuit

Know the difference between a conductor and an insulator; giving examples of each

Computing

Design and write programs

Explain how some algorithms work to debug programs.

History

Know about, and name some of the advanced societies in the world about 3000 years ago

To continue to read a range of Greek myths

Art

Use sketchbooks to experiment with different texture

Know how to print onto different materials using at least four

Geography

To locate Greece, it's capital city and it's islands on a map

To understand Greece's climate, and that Greece is a mountainous country with a long coastline

To have knowledge of trade links, and Greece's natural resources

RE

Give examples of rules for living from religions and suggest ways in which they might help believers with difficult decisions (B1).

Make connections between stories of temptation and why people can find it difficult to be good (A2).

Discuss their own and others' ideas about how people decide right and wrong (C3).

Music

Sing songs from memory with accurate pitch

Use notation to record compositions in a small group of individually

Explain why silence is often needed in music and explain what effect it has

Use notation to record and interpret sequences of pitches

Identify and describe the different purposes of music

PE – Gymnastics

Develop flexibility, strength, technique and balance

Evaluate and improve their performances