



Mathematics

Year 3

Children will continue to deepen their understanding of the key skills of formal addition and subtraction through place value, checking strategies and mental methods. Later on, we will focus on multiplication and division, recognising equal groups, difference between equal sharing and equal grouping and then move on to look at when division problems may have a remainder of sorts. addition.

Year 4

We will be starting off our term learning how to calculate the perimeter of rectilinear shapes, we will then move onto exploring patterns in the 6-, 7- and 9-times table.

English

In English this term, we will be writing a descriptive narrative. Our model text is called 'Peril in Pompeii', which is the perfect link to our previous topic, Rome (Mount Vesuvius) and our current topic of earthquakes and volcanoes. Our grammar focuses will be conjunctions, clauses, commas in a list and present and past participles.

Children will explore a variety of descriptive texts and features before they go on to write their own descriptive narrative on an alternative theme.

Topic

In Autumn term 2 children will concentrate their learning on gaining new knowledge about the earthquakes and volcanoes. They will learn about the causes, outcomes and locations of the earthquakes. They will explore the physical characteristics of a volcano, also they will try to locate volcanic eruptions, as well as locating volcanoes, and they will try to see the reasons why people decide to live near volcanoes.

PE

In this unit, the children will develop and apply their jumping and landing and seated balance focused skill development sessions, healthy competition, cooperative games and Personal Best challenges.

Children will also start their swimming lessons this term and develop their already gained knowledge and skills.

Computing

Science

During our Science lessons, we will be investigating living things and how they are suited to their environment. The children will be learning how to classify animals and will be sharpening their observation skills.

Brainboost

Brainboost this term will be exploring the themes of acceptance and diversity. The children will be using clips and book excerpts to promote discussion of key questions such as 'what does equality mean?'

Wow week

Children will apply their learning about earthquakes and volcanoes, and they will create a sculpture wire or papier mâché volcano. In music, the children will be learning to create musical rhythms using body percussion.

Curriculum enrichment

Watercolours, Chess Club, origami, story club, gymnastics, Violin/guitar lessons, Rocksteady, Football, Hot shots, Graduate Programme, Swimming lessons, Singing assemblies

RE

We will be learning to find out what the true meaning of Christmas is to Christians and compare this with what Christmas means to us.

PSHE

The children will be continuing to learn how to keep themselves on the internet and how to respond to bullying and peer pressure.

How can you help at home?

Please encourage your children to:

- read daily,
- learn their spelling words,
- practice their assigned multiplication tables,
- complete some of the healthy passport activities for fun.



Autumn 1 Year 3 and 4 Vocabulary overview

Maths

Year 3

add, addition subtract, subtraction total, altogether exchange part-whole, whole, part place value hundreds (100s), tens (10s), ones (1s) column method mental method, mentally estimate, estimation approximate, approx., approximation, approximately, about fact family bar model digits multiple logically, equal groups, unequal groups, shared equally multiply (x), multiplication statement, multiplication fact, multiplication sentence, divide (÷), division statement, division fact times-table group, share whole, left over, remainder one-step, two-step, multi-step array, bar model, number line pattern count up, total, double, method repeated addition

Year 4

Convert, equivalent, perimeter, total, length, width, rectilinear, square, rectangle, multiply, divide, groups, share, equally, number facts, number sentences, fact family.

English

Fronted adverbial, adverbial of place, adverbial of time, adverbial of manner, expanded noun phrase, adjective, noun, adverbs, verbs, personification, subordinating conjunction, coordinating conjunction, conjunctions, suffix and prefix.

Topic

Earthquake, rockstrata, Earth, core, mantle, crust, tectonic plate, plate boundary, tectonics, mantle, Inner core, Outer core, ash cloud, magma chamber, conduit, crater, vent, volcano, crater, cone, vent, eruption, lava, molten, ash plume, caldera, pressure, converge, diverge Indonesia, Philippines, Mid-Atlantic Ridge, Iceland, Active, dormant, extinct, 'Ring of Fire', Hazard, risk, danger, tsunami, Cotopaxi, Ecuador, advantages, disadvantages, social, environmental,

Computing

We will be 'bug fixers' this term. In our unit, children will learn to recognise some common types of programming errors and practice solving problems through logical thinking. We will be using a programme called Scratch for examples to fix.

Science

Habitat, classify, key, vertebrate, invertebrate, mammal, amphibian, reptile, bird, fish, insect, environment, sort, similarity, difference.

Wow week

Sculpture wire, papier mâché.
Compose, loop, melody, pitch, tempo, contrast, higher, lower, structure, texture, boom, clap, rhythm, snap, body percussion, clicking, patter, pitter, raindrop.

Brainboost

Acceptance, diversity, equality, role model, belonging.

PE

Jumping, landing, seated, balance, challenge, take off, combinations, competitive, swimming, gymnastics, routine, straight, posture

RE

Christmas, means, meaning, Bethlehem, Christian, Christmas, incarnation, means, meaning, stable, Prince of Glory, Lord of love, Saviour of the World, incarnation,

PSHE

Advice, help, family, school, community, PCSO's, Childline, emergency services, bully, bullying, intentional, hurtful, repetitive, verbal, psychological, ignoring, lying, victim, bystander, appropriate, responsibility, critical, truthful, honest, source, anonymous, bullying, trolling, harassing, compliment, hate words, reasonable, respectful, peer pressure, rights, control, strategies, resist, first aid, hazard, burn, bleed, choke, unresponsive, allergic reaction, asthma attack

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