



### Mathematics

All the children will start the term by exploring the concept of place value.

Year 3 will look at place value within 1000, while year 4 will explore 4-digit numbers. Year 3 will then move onto looking at methods of adding and subtracting 3-digit numbers, while year 4 will stay with place value by learning about Roman Numerals for the first time.

### English

In English, this term the children will be exploring a wide range of punctuation and grammar terms. They will then be using this knowledge to understand how sentences are formed and how to improve their own sentences.

### Reading

In reading, the children will be exploring the features of non-fiction books and the stories of Peter Brown, David Lucas and Helen Ward.

### History

This term, the children will investigate individuals that have or have had a positive impact on others. They will explore possible beneficial activities of the person being studied. Through their studies the children will learn that even little people can have big dreams.

### Computing

At the start of the term, the children will begin to develop an awareness of online bullying by discussing the consequences of their actions. Over the next few sessions, our learners will work as software developers. They will explore existing games, create prototype of their games, improve the interface of their games and develop progression within their games.

### PE

In this unit, the children will develop and apply their footwork and one leg balance through focused skill development sessions, healthy competition, cooperative games and group Personal Best challenges. The children will also explore gymnastics, and the movements involved.

### Science

This term, the children will become geologists and palaeontologists by investigating rocks, soils and fossils. They will explore the properties of different rocks and soils and how they formed. Great fun will be had as the children make their own fossils and perform comparative investigations. It would be helpful if while out and about, the children bring into school any interesting rocks they encounter.

### Brainboost and Wow week

In Wow Week, children will work as artists and express themselves through drawings.

The focus of Brainboost this term will be Philosophy and how the children can educate themselves using thinking skills.

### Curriculum enrichment

This term there will be a wide offer of exciting after school clubs, morning boosters, School visitors, Word Guerilla, Reward times, Whole Class Story

### RE and PSHE

Autumn term in RE will explore Buddhism, what does happiness look like and how it is different for different people.

Learning in PSHE, will be centred around the themes of relationships and positive communication within peers.

### How can you help at home?

Please encourage your children to:

- read daily,
- learn their spelling words,
- practice their 2, 3, 4, 5, 8 and 10 multiplication tables,
- complete some of the healthy passport activities for fun.



## Autumn 1 Year 3 and 4 Vocabulary overview

### Maths

#### Y3

hundreds (100s), tens (10s), ones (1s) h place value h more, less h greater than (>), less than

#### Year 4

4-digit, thousands, partition, compare, order, recombine, represent, rounding, Roman Numeral, ascending, descending, multiple.

### English

Common nouns, pro[er nouns, collective nouns, partitive nouns, subjects, verbs, punctuation, adjectives

#### Reading

Skimming, scanning, inference, questioning, prediction.

### Topic

Amelia Earhart, David Attenborough, Jane Goodall, Stephen Hawking, Marcus Rashford,

### ICT

Algorithm, Scratch, program, repetition, sequence, variable, sprite, simple data

### Science

Crystals, extinct, minerals, fossil, granite, humus, igneous, impermeable magma, marble, palaeontologist permeable, rock, sediment, sedimentary.

### Wow week

Drawing, art, pencil, growing artists

Enquiry, discussion, ambiguity, opinion, respect, equality, resilience, emergent, sensitivity, consideration, responsibility,

### PE

,footwork, static balance, one-leg balance, challenge, skills, development, gymnastics, arabesque, round of, turn, walk, reverse, tumble, tuck, pike, straddle, vault, beam

### RE

Happy, favourite, cheerful, lyrics, Discuss, charity, physically, categorise, Buddhism, Buddha, Bodhi tree, India, Recap, happy, children, Causing, happiness, reflection, consider

### PSHE

Relationship, collaboration, positive relationships, healthy relationships, Qualities, admire, strategies, express, feelings, intensity of feelings, range of feelings.

### 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.