

Curriculum Overview— YEAR 4

Autumn 1 2018



English

Theme: 'Potions'

Text—Alice in Wonderland

Overview: Labels and Instructions, Letter Writing, Play Scripts, Poetry, Non-Chronological Reports.

Spoken Language: Participate in discussions, presentations, performances, role play, improvisations and debates.

Writing: Discuss writing similar to that which they are planning to write in order to understand and learn from its structure, grammar and vocabulary.

Reading: Retrieve and record information, listen to a variety texts, draw inferences from characters' feelings and identify themes and conventions in a wide range of books.

At home: Make a special effort to join a local library and see what you can find out about potions. Read daily and always complete your Reading Log.

Maths

Theme: Place Value, Addition and Subtraction

The children will learn to:

- Complete recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones) all homework set by the date due.
- Round any number to the nearest 10, 100 or 1000
- Count in multiples of 6, 7, 9, 25 and 1000
- Identify, represent and estimate numbers using different representations
- Order and compare numbers beyond 1000
- Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value
- Find 1000 more or less than a given number
- Count backwards through zero to include negative numbers
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers
- Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate
- Estimate and use inverse operations to check answers to a calculation

Creative Curriculum

Theme: 'Potions'

The children will learn to:

- Design a perfume bottle which holds a magical potion.
- Create molecule models.
- Discover how potions were used in history.
- Create melted wax art.
- Follow instructions to make homemade bath bombs.
- Use technology to research key facts.

Year 4 Topic: Potions

PATHS

Theme—'A New School Year'

The children will:

- Review classroom rules
- Revise co-operative learning skills
- Discuss 'The Golden Rule'
- Focus upon listening to others



French

Theme—'Words and Numbers'

The children will be learning:

- How to use numbers.
- How to write phrases from memory.
- New words for family.

Computing

Theme: "We Are Software Developers"

The children will learn to:

- Design, write and debug programs that accomplish specific goals.
- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output.
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs.

Science

Theme: 'Human Nutrition'

Children will learn to:

- Develop their understanding of their personal health and how this is related to human nutrition, dentition and digestion.
- Describe, sequence and investigate the simple functions and the basic parts of the digestive system in humans.
- Identify and name the different types of teeth in humans and some other animals, and their simple functions.
- Understand how their teeth could decay and how they could keep teeth healthy.

Working Scientifically:

- Children will have the opportunity to set up simple enquiries and fair tests, asking questions and using different types of scientific enquiries to answer them.

R.E

Theme—Judaism

The children will investigate:

- How special is the relationship Jews have with God.
- Whether sacred texts have to be 'true' to help people understand their religion?
- Does participating in worship help people to feel closer to God?

Music

Theme — Instruments

- Each class will be taught by a specialist music teacher.
- Over the year they will be learning about Percussion, Brass, Ukelele and the Drums.
- At the end of the year, they will perform for parents.

PE

Theme: 'Basketball'

The children will:

- Continue to apply and develop a broad range of skills.
- Communicate, collaborate and compete with each other.
- Learn how to improve, how to evaluate and recognise success.
- Play competitive games, modified where appropriate (for example Basketball) and apply basic principles suitable for attacking and defending.

Visits/Assemblies and Opportunities

- ⇒ Trip to Wonderland to meet Alice and The Mad Hatter!
- ⇒ Have fun making your own potion!
- ⇒ Take part in special house assemblies which parents will be invited to.
- ⇒ Some children will have the opportunity to be classroom monitors.