

Potions Year 3 & 4 Curriculum Overview Autumn Term 1

Science

We will compare and group materials together, according to whether they are solids, liquids or gases.

Set up simple practical enquiries, comparatives and fair tests.

Make systematic and careful observations and, where appropriate, take accurate measurements using standard units, using a range of equipment, e.g. thermometers and data loggers.

Use results to draw simple conclusions, make predictions, suggest improvements and raise further questions.

Record findings using scientific language, drawings, labelled diagrams, keys, bar charts and tables.

Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens

PSHE

Feel positive about themselves, set rules, targets and challenges for the New Year.

Have opportunities to show what they can do and what responsibilities they can take.

(i.e. Class Assembly)

In DT

Use research and develop design criteria to inform the design of functional, appealing products that are fit for purpose, aimed at particular groups or individuals.

Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.

Potions Year 3 & 4



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In French, we will be practicing, through song and oral work:

Numbers 1 -50, colours, classroom objects and instructions. As well as asking and answering questions,

What is your name? How old are you? Where do you live?

In Computing

We will be creating word documents and PowerPoints to enhance the presentation of their work.

We will learn to copy and paste pictures and text, change the style of their writing to suit the purpose.

Use appropriate search engines with regard to Internet and safety to find out about specific topics.

In RE

To learn if Murtis help Hindus understand God and to know when and where Hindus worship.

In Music

Year 3 will be taught how to play the recorder, learning notes B A and G. They will be singing songs and improving their sense of pitch and tone.

Year 4 will begin to play trumpets and p-bones as part of Bollywood Brass lessons delivered by the Faculty of Music.

In Art

Improve art and design techniques, including drawing, painting and sculpture work with a variety of materials e.g. pencil, charcoal, paint and clay. Learn about great artists, architects and designers in history.

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In Maths

Year 3: Place two and three-digit numbers on a line; order and compare; understand place value in three-digit numbers; understand and use place value with money. Year 4: Understand what each digit represents in a four-digit number; write place value additions and subtractions; place three-digit numbers on a line; order and place three-digit and four-digit numbers on a line; compare four digit numbers.

Year 3: Know number bonds to 20 and use for mental addition and subtraction. Use = to represent equality. Add and subtract one-digit to two-digit numbers. Year 4: Add pairs of two-digit numbers and three-digit numbers using place value or counting on. Subtract two-digit numbers from two-digit numbers by counting back or counting up.

Year 3: Add 2-digit numbers by partitioning; subtract 2-digit numbers and find change from £1 by counting up using Frog. Year 4: Add two or three 3-digit numbers using compact written addition; subtract numbers with 2 or 3 digits by counting up; check subtraction with addition.

Year 3: Recognise lines of symmetry, complete symmetrical drawings; describe, name, sort 2D shapes; describe, name, sort 3D shapes; learn/use correct vocabulary. Year 4: Draw circles with different radii using compasses; describe, name and sort 2D and 3D shapes; draw polygons describe, name and sort triangles; use Venn or Carroll diagrams to sort shapes, discuss properties of shapes.

Year 3: Double 2-digit numbers; halve even numbers; know multiplication and division facts and recognise multiples of 2, 5 and 10 times tables; understand that multiplication is commutative. Year 4: Double and halve two-digit and three-digit numbers using partitioning; know 3, 4, 6, 8 times tables and associated division facts.

Year 3: Understand and use place value to add and subtract (3-digit numbers); use place value in money to add and subtract; add or subtract 1, 10 and 100 to or from 3-digit numbers. Year 4: Use place value to add and subtract 4-digit numbers; add or subtract 1, 10, 100, 1000 to or from 4-digit numbers.

In Literacy

Spoken Language

Consider and evaluate different viewpoints, attending to and building on the contributions of others.

Ask relevant questions to extend their understanding and knowledge.

Gain, maintain and monitor the interest of the listener.

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.

Assess the effectiveness of their own writing and suggest improvements – including critiquing.

Propose changes to grammar and vocabulary to improve consistency, including the accurate use of pronouns in sentences.

Discuss and record ideas.

Organise paragraphs around a theme.

Reading

Draw inferences about characters' feelings, thoughts and motives from their actions and justify with evidence.

Identify how language, structure and presentation contribute to meaning.

Listen to and discuss a wide range of fiction, poetry, plays, non-fiction and reference books and text books.

Read extracts from classic fiction including, Alice in Wonderland, Romeo and Juliet and Macbeth.