

Science: States of matter

Children will compare and group materials together, according to whether they are solids, liquids or gases. They will observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C). Classes will use investigation to identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Languages

The children will participate in weekly Italian sessions learning greetings and introducing themselves, the purpose of which is to fine tune fluency and intonation. Pair work will be a major feature of each lesson to ensure children have the maximum time possible to develop their speaking and listening skills.

D.T

Children will use patterns and create a prototype of a product. Practice their sewing skills. Use design criteria to evaluate a product identifying both strengths and areas for development in increasing detail.

Computing

Using Espresso coding children will design, write and debug programs that accomplish specific goals. They will begin to use logical reasoning to explain how some simple algorithms work and detect and correct simple errors.

Children will also learn the importance of using technology, safely, respectfully and responsibly.

PE

Swimming, Basketball

Maths

Area

Looking at what is area, counting squares to find the area of a shape and making our own shapes.

Multiplication and division

Multiply and divide by 10, 100, 1 and 0.

Learning and reciting multiplication and division facts for the 3, 6, 7 and 9 x tables.

Continue preparation for y4 multiplication check.

Year 4

Autumn 2

English

Planning, drafting and writing for a range of purposes. Linked to the text – The Butterfly Lion - Michael Morpurgo.

Children will be completing numerous reading, writing and spelling activities linked to texts.

Individual reading activities based on Bug Club levels.

Music

To appreciate and understand a wide range of high quality music drawn from different traditions and from great composers and musicians.

To play and perform in solo and ensemble contexts, playing musical instruments with increasing accuracy, fluency, control and expression.

To use and understand staff and other musical notations.

R.E.

Why do Christians call Jesus the light of the world?

Geography

What can we discover about Europe?

In Year 4, the children will begin to learn about different European countries. Building on their work in the UK in Year 3, the children will make comparisons between the UK and different parts of Europe. Within this, the children will examine land use and key human and physical features.

