

Summer 21-22: Y4 & Y5

Science

Rocks • compare and group together different kinds of rocks on the basis of their appearance and simple physical properties • describe in simple terms how fossils are formed when things that have lived are trapped within rock • recognise that soils are made from rocks and organic matter (continued from last term).
States of matter • compare and group materials together, according to whether they are solids, liquids or gases • 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) • identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature. Properties and changes of materials • compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets • know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution • use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating • give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic • demonstrate that dissolving, mixing and changes of state are reversible changes • explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.



Please wear analogue watches each day in school

Maths

Continual multiplication tables practise (NB Y4 tests in June 2022)

Division

Number, place value and Roman numerals

Number, place value and decimals

Mental multiplication and division, percentages, scaling and correspondence problems

Angles and polygons

Decimals, addition and subtraction

Fractions

Mental multiplication, mental and written subtraction

Addition, subtraction and written multiplication

Time, data and rate

Measures, data, written multiplication and fractions

Calculation (all four operations)

English

Persuasive writing - Are zoos good or bad? Children look at information to help them decide their own opinion on this matter beginning with reading *Zoo* by Anthony Browne, before moving on to analysing different persuasive writing. Finally they will write to persuade us to be for or against zoos!

Modern classic fiction - Children meet a modern classic in Michael Morpurgo's *Kensuke's Kingdom*. They explore emotions and points of view, ending the unit with their own extra chapter for this extraordinary tale.

Reading and Comprehension - We will use a variety of texts from different sources to work on the skills of answering written comprehension questions as well as continuing with regular guided reading and reading at home.

Grammar: Pronouns, determiners, paragraphs, modal verbs, colons, semi colons, recognising adverbials and fronted adverbials, noun phrases and expanded noun phrases. Revision will continue of basic punctuation skills - capital letters, commas, full stops and understanding tenses.

Spelling - We will continue to progress through group lists, looking at spelling exceptions and ways to remember spellings along with additional words the children are using in their everyday writing.

Handwriting - continual

