

English: In all teaching we will be using quality text based examples of grammatical features to help support the children's learning using the principals of talk for writing and using 'the text that teach' medium term planning. Emphasis is given on presentation, vocabulary, spelling and grammar. We will be meeting the objectives of the national curriculum by looking at the following genres: Formal and informal letters, biographies, poetry and fiction. Children will be supported by the No Non-Sense spelling programme. The focus for guided reading will be implicit and explicit meaning. Key texts include: The Day The Crayons Quit, Shackleton's Journey, Let's Recycle Granddad.

Mathematics: Our mathematics themes for the term will be: Place Value, Addition and Subtraction, Multiplication and Division, Statistics, Measurement: Perimeter, Area and Volume. Children will be required to use Roman Numerals to 1,000, calculate with numbers to ten million, count in 10s, 100s, 1000s, 10,000s and 100,000s, compare and order numbers to a million, round to nearest 10, 100 and 1,000, round any number and use negative numbers in context.

Science/ Design and technology: planning different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary

- reporting and presenting findings from enquiries, including conclusions, causal relationships and explanations of and degree of trust in results, in oral and written forms such as displays and other presentations
- 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

Children will be making musical instruments from a range of materials to test their properties. Children will be making their own filtering devices to remove particulates from water.

Class 4: curriculum overview Autumn term 2018: 'What are you made of?'



Religious education: In RE we are supported by the Devon agreed syllabus and the Diocese planning. The themes are: Creation and Science - conflicting or complementary? Festivals Matters - Christmas.

Art: Indian art. Mehndi patterns, tie dye and shadow puppetry.

Humanities (History and Geography):

- Using maps, plans and other sources to find out about India
- Knowing some of the similarities and differences between the UK and India.
- Understanding how and why places are affected by money and trade
- Knowing about recent and proposed changes in particular localities.
- Understanding how the media affects people and learning how to deal with this
- Demonstrating enterprise skills, including managing money

Physical Education: Supported by Achievement for All the children will be: playing competitive games - modified as appropriate such as: basketball, cricket, football, hockey, netball, rounders. The lesson will allow children to apply basic principles needed for sport but in particular using physical and teamwork skills, choosing and using appropriate skills, tactics and formations for specific events, developing consistency.

Netball, volleyball and gymnastics are the overarching themes.

Computing: Understanding the risks of digital communication, including digital footprints, interacting with others and ways to protect yourself online. Typing quickly without looking at the keyboard. Making appropriate choices about layout and features to produce documents in a variety of formats. Using a spread sheet to present and manipulate data (including the use of formulae), and create graphs. Understanding and explaining the function and sequence of commands in a program.

French: Knowing how learning languages can help relations between cultures. Using French for counting, singing and reading simple texts. Knowing the appropriate phonemes for graphemes in French.

Music: We will be working towards Harvest Festival, Christmas and our main focus will be instrumental work learning musical notation, rhythms and playing the flute.