

Numeracy

Place Value Count in multiples of 6, 7, 9, 25 and 1000; Find 1000 more or less than a given number; Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones); Order and compare numbers beyond 1000; Identify, represent and estimate numbers using different representations; Round any number to the nearest 10, 100 or 1000; Solve number and practical problems that involve all of the above and with increasingly large positive numbers; Count backwards through zero to include negative numbers; 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.

Addition & Subtraction 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; Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.

Length and Perimeter Measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres; Convert between different units of measures

Multiplication & Division Recall and use multiplication and division facts for multiplication tables up to 12×12 ; Count in multiples of 6, 7, 9, 25 and 1000; Use place value, known and derived facts to multiply and divide mentally, including: multiplying by 0 and 1; dividing by 1; multiplying together three numbers; Solve problems involving multiplying and adding, including using the distributive law to multiply two digit numbers by one digit, integer scaling problems and harder correspondence problems such as n objects are connected to m objects.

History

Can I study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066- Victorian Children

Can I place the Victorians on a timeline?

Can I understand what life would have been like for children living in the past?

Can I use a variety of information sources to find out information?

Do I know some of the individuals who helped to change Victorian society?

Can I explain some of the laws that were passed to protect children?

Can I explain some of the educational reforms that took place during the 19th century?

Can I explain the differences between modern and Victorian schools?

Can children suggest some of the pastimes of Victorian children?

Can I use a variety of sources to find out information?

Science

Electricity

Can I identify common appliances that run on electricity? Can I construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzers? Can I identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery? Can I recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit? Can I recognise some common conductors and insulators, and associate metals with being good conductors?

States of Matter

Can I compare a variety of everyday materials on the basis of their simple physical properties eg solids, liquids or gases?

Can I 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 ($^{\circ}\text{C}$)?

Can I identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature?

Hook Event

29th October 2019

Visit -

Normanby Hall

7th October 2019

Autumn Term

Y4



Art & DT

Can I explain who William Morris is? The Arts & Craft movement, Still life sketching, The Printing process

Can I design, make and evaluate a Victorian moving picture using pivots & levers?

Computing

Coding
Online Safety
Spreadsheets

PSHE

Healthy Lifestyles,
Growing & Changing
Keeping Safe

PE Tag Rugby

Gymnastics,
Skipping

Music

Violas, Glockenspiel stage2,
Mamma Mia

French - All about town, Going Shopping

English

Focus Texts: *Street Child* by B Doherty

A Christmas Carol by Charles Dickens

Spelling: prefixes (mis, un, in, dis, auto inter), Adding the suffix -ly, Words ending in zhuh spelt -sure, The short u sound spelt ou, homophones

Reading: Can I develop positive attitudes to reading and my understanding of books that are structured in different ways and reading for a range of purposes? Can I draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence?

Grammar: determiners, pronouns, fronted adverbials

Writing Opportunities: diaries, letters, poetry, balanced argument, Biographies, Newspaper reports, Setting descriptions, character descriptions

Can I compose and edit my writing progressively building a varied and rich vocabulary and an increasing range of sentences? Can I organise paragraphs around a theme? Can I use a range of organisational features?

RE - Saints & Heroes

Can I explore the lives of faith members who have performed heroic deeds or dedicated their lives to a cause and consider the concept of commitment? (Including past and present saints and heroes from different world faiths, starting with local heroes.)

Geography

Can I investigate the countries that were a part of the British Empire in the Victorian Era? Can I compare the human & physical geography of Britain & India?

Can I use maps, atlases, globes to locate countries and describe features studied? Can I compare places to each other and explain why they are similar or different from other places in the same country and elsewhere in the world and ask geographical questions e.g. What is it like to live in this place? How is this place different to where I live? How is the weather different? How are lifestyles different?

Can I study pictures of the localities in the past and in the present and ask 'How has it changed?'

Can I express own views about a place, people and environment and give detailed reasons to support my own likes, dislikes and preferences?