English

Children will:

Explore a variety of genres and identify the key structural and grammatical features of each one. This term the genres will include playscripts (linked to our study of the nineteenth century), persuasive writing (linked to our RE topic), formal letters and instruction texts.

Read regularly across a variety of text types in guided groups with an adult and engage in discussions about what they have read.

Explore spelling patterns, broaden their vocabulary and continue to improve their handwriting.

Topic

Industrial and social reform in the 19c: Consider the life of a poor child in the 19c and make comparisons with today. Inferring information from historical sources. Write a diary entry in character as a Victorian child. Learn about social reform and how laws were introduced to protect children. Find out about the work of Lord Shaftesbury and Dr Barnardo and consider why some people were against the changes they introduced. Learn about the transport of heavy goods before the industrial revolution, then consider the problems the industrialists faced, realising that better transport was needed.Learn about the first steam powered railways and how they have changed life in Britain since 1830.

Geography:

Identify land-use patterns and understand how some of these have changed over time. Understand how humans affect the environment over time.

Music

We will be exploring:

Benjamin Britten and musical history

Art & Design/DT

Children will investigate, design and produce work on:

William Morris / L.S. Lowry / Brunel's Bridges

RE (Religious Education) –Christianity

Creation and Science: Conflicting or complementary? What kind of king would Jesus be?

PE (Physical Education) Cross-country / Netball / Hockey

Computing: To investigate the safe use of different search engines and to learn to become increasingly discerning about their content. To create, share and evaluate presentations relating to science themes (work of naturalist David Attenborough.)

Full Steam Ahead!

Industrial and Social Reform in the Nineteenth Century

Year 5 Autumn Term 2022
Updated September 2022

Special Events:

Church Services – Harvest and Christmas

Remembrance Service

Christmas Tree Festival in Church / Ely Cathedral Virtual Christingle Service

PSHE (Personal, Social & Health Education)

Beginning and Belonging / Family and Friends / Anti-bullying

Science

Living Things: Animals including humans Describe the changes as humans develop to old age. Revisit how animals are classified using classification keys. Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.

Properties of Materials: Reversible change Compare and group together everyday materials based on their properties, including 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, for the particular uses of everyday materials. Demonstrate that dissolving, mixing and changes of state are reversible changes.

Mathematics

Children will:

Learn more about place value, working large numbers up to 1,000,000. They will round, compare and order these numbers accurately.

Improve their fluency with addition and subtraction, adding and subtracting whole numbers with more than 4 digits using mental methods, rounding and comparing. Learn how to multiply and divide numbers up to four digits by a one or two digit number. Learn about multiples, common multiples, factors, common factors, prime numbers, square and cube numbers.

Explore fractions including equivalent fractions and represent these visually. Recognise mixed numbers and improper fractions and convert from one form to the other. Learn how to add and subtract fractions.

Italian

Greetings / Numbers / Days of the week / Colours / Cultural knowledge