

English

Non-Fiction: Detailed instructions

In this unit we put a fun twist on instructions by letting the children explore different styles and forms. After evaluating instructions, children look at the intended audience and collaboratively create a Granny's book of 'How to use your mobile phone!'

Narrative / Take One Book: Novels and stories by significant children's authors

The BFG and other books by Roald Dahl act as a stimulus for children to create their own characters that use exciting dialogue; invent their own words and write & illustrate a story in the style of Dahl and Quentin Blake.

Poetry: Poetic Style

Children have the opportunity to hear, read and respond to a range of poems from two contrasting writers. They write and perform their own free verse poems inspired by those they have read.

Maths

Children use their understanding of place value to multiply and divide whole numbers by 10 or 100. In solving number problems, children use a range of mental methods of computation with the four operations, including mental recall of multiplication facts up to 10 x 10 and quick derivation of corresponding division facts. They use efficient written methods of addition and subtraction and of short multiplication and division.

They add and subtract decimals to two places and order decimals to three places. In solving problems without a calculator, children check the reasonableness of their results by reference to their knowledge of the context or to the size of the numbers. They recognise approximate proportions of a whole and use simple fractions and percentages to describe these.

Children recognise and describe number patterns, and relationships including multiple, factor, square and cube. They begin to use simple formulae expressed in words.

Children use and interpret coordinates in the first quadrant.

Science

Properties and changes of materials.

Through this unit children learn that gases are materials and can be distinguished from solids and liquids by their properties. They also learn about the uses of some important gases and where gases are found. Experimental and investigative work focuses on: making and repeating observations; relating observations and conclusions to scientific knowledge and understanding. Work in this unit also offers opportunities for children to use scientific knowledge and understanding to explain everyday phenomena related to air and other gases.

Through this unit children consolidate their ideas about changes of state which can be reversed. They use their understanding to explain a range of familiar phenomena. Experimental and investigative work focuses on: making observations and measurements and presenting these; identifying patterns in results; suggesting explanations for observations and conclusions in terms of scientific knowledge and understanding.

Year 5 – Mr Shade Autumn Term

History British History

Children will learn an overview of British history, ranging from prehistoric times to the modern day. Along the way they will learn specifically about the Romans, Saxons, Vikings, Normans, Tudors, Stuarts, Georgians and Victorians. They will complete activities about each era of British history and link it to learning from previous year groups.

Design Technology Sandals / Slippers

In this unit, children learn how products *eg sandals* are designed for different purposes and people. They learn that designers must address a range of needs when designing footwear *eg appearance, safety, warmth and size*. Children learn about making accurate patterns / templates and detailed working drawings. They develop making and finishing skills to enhance the quality of their sandals. They learn to evaluate their products critically against design criteria and identify what to do to improve them.

RE

Rules for Living.

Rules we follow and how these affect life.

Light as a Symbol.

How does light make people feel and what can it symbolize.

Music

Djembe Drums.

MFL

French and German.

PSHE & C

Health and wellbeing

(Play nicely, keep safe)

Things That Affect Emotional Health, Divorce, bereavement, Lifestyle Choices, Loss and Separation .

Understand risk, danger and hazards

Peer/ media pressure.

Art and Design: Objects and Meanings

In this unit children select, arrange and present objects in a still-life painting. They investigate the work of artists who have used the theme of still life in a variety of ways to convey ideas and feelings. They develop skills of observation and recording, and knowledge and understanding of colour, tone and composition.

PE

Dance: children will focus on using different environmental images as the starting point for composing, performing and watching dance.

Gymnastics: children will use their knowledge of compositional principles to develop sequences that show an awareness of their audience.

Invasion Games: children will improve their defending and attacking play in order to develop their overall performance in small-sided mini invasion games. Challenges will include tag rugby, end-ball and dodgeball.

One PE session per week will be delivered by Premier Sport.

ICT

Data Matters

In this unit children will learn about:

Databases

Graphs, charts and tables

Sequencing and instructional language

Finding out and researching for information

Checking and using research

Copyright and ownership