

History

The Industrial Revolution
James Watt and the Steam Engine
Railways, travel, cities and factories
The Poor Law

Computing

Learning about algorithms
Discovering how linear and random algorithms are used in everyday life

PSHE

Solving friendship problems and empathising with peers.
Assertiveness
Know that some physical contact can induce negative feelings

Music

Pop and Neo Soul music
Perform vocally as part of a group
Begin to understand musical notation
Compose and perform as a group

Year 6 Term 1

Perseverance
Aspiration
Respect
Kindness

RE

Christianity - Genesis verses the Big Bang Theory

Art

Perspective drawing
Experiment with tone
Using colours and smudging to make objects.
Creating their own version of a Lowry painting based on the industrial revolution.

PE

Dance—To learn rehearse and perform a choreographed dance narrative.

Handball

- Shooting and defending
- Blocking and attacking
- Goal Keeping
- Playing a full sized handball game

Maths

Place Value-

Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit round any whole number to a required degree of accuracy
Use negative numbers in context, and calculate intervals across zero
Solve number and practical problems that involve all of the above.

Four operations-

Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context
Divide numbers up to 4 digits by a two-digit number using the formal written method of short division where appropriate, interpreting remainders according to the context
Perform mental calculations, including with mixed operations and large numbers
Identify common factors, common multiples and prime numbers
Use their knowledge of the order of operations to carry out calculations involving the four operation
Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
Solve problems involving addition, subtraction, multiplication and division
Use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy

English

Information texts—non chronological reports
Narrative writing—description
Reading—Cogheart