

## Maths

- read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit
- count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000
- interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through 0
- round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000
- solve number problems and practical problems that involve all of the above
- read Roman numerals to 1,000 (M) and recognise years written in Roman numerals
- add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- add and subtract numbers mentally with increasingly large numbers
- use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy
- solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why

## English Reading - We will be reading 'There's a Boy in The Girls' Bathroom' by Louis Sachar.

- to enjoy exciting stories with memorable characters
- draw inferences about characters' feelings, thoughts and motives from their actions and justifying inferences with evidence
- to explore dilemmas, emphasising with characters
- explain and discuss understanding of what has been read
- predict what might come next based on what they have read
- read and discuss a wide range of fiction
- read books that are structured in different ways
- identify and discuss themes and conventions
- make comparisons within and across books
- discuss understanding and explore meaning of words in context
- ask questions to improve understanding

## English Writing

- to write a range of texts in role based on fictional experiences e.g. diaries, letters etc.
- to write own stories based on the story read: describing settings, characters and atmosphere, and integrating dialogue to convey character and advance action
- note and develop initial ideas, drawing on reading
- draft and write by selecting appropriate grammar and vocabulary
- in narratives, describe settings, characters and atmosphere, integrate dialogue to convey character and advance action
- to use a range of devices to build cohesion within and across paragraphs
- to edit and improve their own writing and suggest improvements for others writing
- to write in legible handwriting and work on joining their letters and increasing their handwriting speed
- GPS: parts of speech (word classes), expanded noun phrases, fronted adverbials, plurals and possessives, direct and indirect speech, relative clauses, modal verbs

## IPC - Brainwave - Science

- how different people learn
- about the importance of practice when learning a skill
- how the brain works
- how to make connections between our learning
- how we can share our learning with others
- why it is important to learn from other children and cultures around the world
- how positive thinking can help us to succeed
- how to look after our brain
- how to design a school for learning