

Year 5 Half Term on a page autumn second

Maths

- solve comparison, sum and difference problems using information presented in a line graph
- complete, read and interpret information in tables, including timetables
- identify multiples and factors, including finding all factor pairs of a number, and common factors of 2 numbers
- know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers, square and cubes
- multiply and divide numbers mentally, drawing upon known facts
- divide numbers up to 4 digits by a one-digit number using the formal written method of short division
- multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000(including word problems)

English Reading – we will be reading ‘Floodland’ by Marcus Sedgwick. It would be really helpful if you could provide your child with a copy of the text.

- read texts that are structured in different ways and reading for a range of purposes
- identify and discussing themes and conventions in and across a wide range of writing
- make comparisons within and across books
- draw inferences such as inferring characters’ feelings, thoughts and motives from their actions
- predict what might happen from details stated and implied
- identify how language, structure and presentation contribute to meaning
- discuss and evaluate how authors use language, including figurative language, considering the impact
- participate in discussions about books, building on their own and others’ ideas and challenging views
- provide reasoned justifications for their views

English Writing

- identify the audience for and purpose of the writing, selecting the appropriate form
- describe settings, characters and atmosphere and integrating dialogue
- use organisational and presentational devices to structure text and to guide the reader
- propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- ensure the consistent and correct use of tense throughout a piece of writing
- ensure correct subject and verb agreement when using singular and plural, distinguishing between the language of speech and writing and choosing the appropriate register
- proof-reading for spelling and punctuation errors
- use of the apostrophe and comma

IPC - Computing

- how to keep our personal information safe
- how to search the internet using Boolean operators
- about the importance of evaluating online content
- how to use online surveys as a research tool
- how to use hyperlinks to create interactive stories
- how to program our own online maths quiz
- about different simulations and their uses
- how to use data loggers to help with our learning in other subjects

IPC - Bake It

- how live yeast grows
- how carbon dioxide behaves
- which solids dissolve in water
- about water vapour and evaporation
- what happens when foods are heated
- about the properties of water
- about solids, liquids and gases
- how we can group everyday materials according to their properties
- how to design and make a new brand of food
- why bread has importance for people around the world, why there are food shortages, and how we can help

Mr Grace and Mrs Butler Kemp