

Year 5 Half Term on a page (Autumn 2<sup>nd</sup> Half Term):

## Maths

- 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)
- measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- calculate and compare the area of rectangles (including squares), including using standard units, square centimetres (cm<sup>2</sup>) and square metres (m<sup>2</sup>), and estimate the area of irregular shapes

English Reading – we will be reading ‘Stay Where you are and then Leave’ by John Boyne. It would be really helpful if you could provide your child with a copy of the text.

- reading books that are structured in different ways and reading for a range of purposes
- reading aloud fluently and with expression
- Identifying and discussing themes and conventions in and across a wide range of writing and make comparisons across books
- checking the book makes sense to them, discussing their understanding and looking up unknown words
- considering how authors have developed characters and settings in what they have read,
- exploring the meaning of words in context
- ask questions to improve their understanding
- draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- predicting what might happen from details stated and implied
- summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
- identifying how language, structure and presentation contribute to meaning
- discuss and evaluate how authors use language, including figurative language, considering the impact on the reader.

## English Writing

- identifying the audience for and purpose of the writing, selecting the appropriate form
- noting and developing initial ideas, drawing on reading where necessary
- in writing narratives, considering how authors have developed characters and settings in what they have read, listened to or seen performed
- describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
- to ensure they consistently use the same tense through their writing
- to proof read their own writing, identifying mistakes and correcting them
- assessing the effectiveness of their own and others' writing e.g. vocabulary, grammar, spelling and punctuation
- use the apostrophe correctly (for possession and contractions)
- to use commas correctly in their writing

## IPC - Bake It – Science and DT

- 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