

## Year 6 Half Term on a Page – Spring Term One

### Maths

- Continued revision of all maths topics covered in the Autumn term
- Varied application and reasoning skills through word problems
- Looking at the relationship between fractions, decimals and percentages
- Finding fractions and percentages of whole numbers
- Exploring area and perimeter of simple and compound shapes
- Discovering terminology used to describe a circle (diameter, radius, circumference etc)

### English

We are looking at 'Pig Heart Boy' by Malorie Blackman with all aspects of English focusing on this book. See below for key objectives.

We will also be looking at a range of different genres, including non-fiction reports, newspaper articles, poetry etc. Some of these will be based on home learning tasks, where children will be asked to research a topic of their choosing, which they will then base their writing on.

### Reading

- Draw inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- Predict what might happen from details stated and implied
- Discuss and evaluate how authors use language and how this impacts on the reader
- Look at strategies on how to answer more complex comprehension questions
- Develop techniques to check their answer is correct

### Writing (as last term)

- Learning to plan, draft and edit
- Create atmosphere, and integrating dialogue to convey character and advance the action
- Select vocabulary and grammatical structures that reflect the level of formality required
- Use a range of cohesive devices, including adverbials, within and across sentences and paragraphs
- Use a wide range of clause structures
- Use adverbs, preposition phrases and expanded noun phrases

### IPC – 'Space Scientists'

- How we can prove that Earth is a sphere
- What our planet is made of
- If the Earth is a magnet
- About the Earth's atmosphere
- Why we need the Sun
- How the Sun, Earth and Moon are connected
- Why the Earth's rotation results in day and night
- How to make a shadow clock
- How the tilt of Earth's axis gives us the seasons
- How the Moon affects the Earth
- If there is a better place to live than Earth?