



Year 5
Autumn 2
Scream Machine



Key Information/Dates

Wednesday—P.E.

Thursday —P.E.

Project Due—Monday 7th December

Innovate Day— Thursday 10th December

Our topic learning will cover these subject this half term: Science, Art and Design, Design Technology and Geography.

We will learn all about theme parks and the forces involved in different theme park rides. We will journey around the world and design a new themed area for a theme park in Germany.

Project Ideas

- Make a flipbook to animate a roller coaster ride that includes a loop the loop.
- Research online to find information about roller coasters from around the world. Which is the oldest? The longest? The scariest? Record your results in a table.
- Using a Lego/Meccano or other construction type kits to make your roller coaster. It might even have a loop the loop using flexible track. Modify the track until a marble or toy car can successfully make it round the track or loop.

Reading

Remember, reading aloud and being read to is important and at any age and any stage!

Books you might enjoy this half-term:

Fiction

A Shocker on Shock Street (Goosebumps) — **R.L. Stine**

The Invention of Hugo Cabret— **Brian Selznick**

The Funfair of Fear! - A Measle Stubbs Adventure — **Ian Ogilvy**

Non-Fiction

Inventions: A History of Key Inventions that Changed the World— **Adam Hart-Davis**

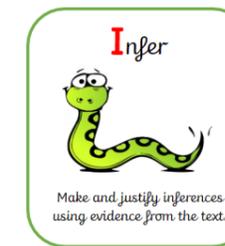
All About Physics - **Richard Hammond**

Poetry

Visit Michael Rosen's YouTube channel
<https://www.youtube.com/>

Questions to focus on...

Make and justify inferences using evidence from the text.



- Find and copy a group of words which show that...
- How do these words make the reader feel? How does this paragraph suggest this?
- How do the descriptions of show that they are
- How can you tell that.....
- What impression of do you get from these paragraphs?
- What voice might these characters use?
- What was thinking when.....
- Who is telling the story?

Spelling and Vocabulary

Here are the focus words for this half-term. Please support your children with learning to read, understand and spell each word. These words are important in supporting your child with achieving age related expectations for their year group. We check if children spell these words in context and also during assessment weeks.

Half term	Rule based spellings		Word list	Topic Vocabulary
Autumn 2	reliable possibly horribly terribly visibly incredibly sensibly preferred transferred reference	possible horrible terrible visible incredible sensible preferring transferring referee preference	convenience correspond criticise curiosity definite desperate determined	accommodate persuade restaurant centripetal mechanism pendulum theme attraction rollercoaster design

English Basic Skills (Review and Revisit)

- To ensure that writing is correctly punctuated (capital letters, full stops, ?, !).
- To explore different sentence types when writing (simple, compound and complex sentences).
- Use a range of descriptive language within their writing (adjectives, adverbs, powerful verbs and prepositions).

You could incorporate these skills in any piece of writing at home or you could create a daily or weekly diary in order to practice these skills.

Maths Basic Skills (Review and Revisit)

- Practice formal addition and subtraction using the column method. Try applying this to scenarios at home. Could you calculate the cost of a family activity.
- Continue to learn all multiplication and division facts to 12 x 12.
- Go on a shape hunt around the house looking to find a range of 3D shapes. Think about the properties of these shapes and what similarities or differences they have (edges, number of faces, 2D shapes within the nets of these shapes).
- Access accelerated maths to support prior missed learning alongside current topics within class. It would benefit all children to access this at home.

Supporting resources can be found on Year Group pages.