

# Scream Machine

## English

This half term, we will be studying and writing fictional losing tales based on our new class text 'Cogheart'; a great adventure book about a girl who leaves school in search of her father and where people are mechanicals (linking our science topic of forces and mechanics). We will also be writing a recount of our experience at Alton Towers and looking at different styles of poetry based around the theme of fairgrounds. We will write poems to capture the excitement of riding a roller coaster by writing calligrams, using onomatopoeia, metaphors, similes and repetition.

Our grammar and punctuation work will focus on cohesion whilst also recapping fronted adverbials, relative clauses, using concise nouns, direct speech followed by action and parenthesis. We will continue learning Year 3/4 common exception words but focusing mainly on Year 5/6. Daily, there will be opportunities to develop reading skills and comprehension via our new class text and there will also be a weekly reading lesson focusing on inference, prediction and summarising linking our science topic.

## Topic (Science and Geography)

The children will be learning all about fairgrounds and theme park rides, learning how roller-coasters stay on their tracks when turning upside down and investigate the wonders of centripetal force. They will also be learning about gravity and investigate the effect of air resistance, water resistance and friction. They will also be looking at mechanisms, including levers, pulleys and gears where a smaller force has a greater effect. We will research information about the influential scientist Sir Isaac Newton and his theory of gravity and in Geography children will be looking at online maps of theme parks in the UK and overseas.

## PSHE

Difference and diversity- we will be recognising similarities and differences, how discrimination can affect different groups of people, challenging stereotypes and the correct use of terminology surrounding sex, gender identity and sexual orientation.

**RSE-A separate letter will be sent out detailing what we will be covering this half term.**

## PE

Cricket with Primary Stars and Athletics with Miss Austin.

# This term we are learning...

## Maths

In Maths, we will be focusing on statistics, shape and position and direction. Throughout all of our lessons we will be building our fluency skills whilst also developing our ability to reason and explain. There will be concrete, pictorial and abstract question types in all areas of our learning. At the end of each unit, we will complete an assessment to see which areas we need to focus on more.

In our statistics unit, we will be learning how to draw, read and interpret line graphs, tables, two-way tables and timetables.

In our shape unit, we will be learning how to understand and use degrees, classify and estimate angles, measure angles up to 180 and draw and calculate angles accurately.

When learning about position and direction, we will be reading and plotting coordinates, learning how to translate shapes, finding lines of symmetry and learning how to reflect shapes in horizontal and vertical lines.

## Art/DT

Rollercoaster style art. We will look at abstract patterns and create a piece of art to emulate the chaotic atmosphere of a fairground. We will be building fairground ride structures out of K'nex and other building materials.

**Computing-We will look at managing information online and programming to control different outputs and components including lights and motors.**

## Music

Looking at the song 'Dancing in the Street' by Martha and the Vandellas we will be finding out about tempo, dynamics, style and pulse.

## RE

Christians and how to live-

'What would Jesus do?' we will be thinking about scenarios which involve choice and the decisions which Christians make to follow the word of God and his teachings. We will look at how we can apply Christian teachings to our daily lives.