

Creative Curriculum Theme - Scream Machine

Science

- Identify the effects of different forces, including: air resistance, water resistance and friction.
- Explain how the force of gravity acts upon unsupported objects as they fall towards Earth.
- Recognise that some mechanisms including levers, pulleys and gears allow a smaller force to have a greater effect.

Design and Technology

- Generate, design and develop our ideas for a fairground ride.
- Evaluate the fairground ride against our own design criteria.
- Understand the use of mechanical systems in existing fairground rides.
- Select and use a wide range of tools to perform practical tasks.

Geography

- Understand geographical similarities and differences by exploring theme parks in different countries.

Computing

- Use programming to design, write and debug simple programs using 'Purple Mash coding.'

English

Text:

'The Fun Fair of Fear' by Ian Ogilvy.

- Use dialogue in narratives to advance our stories and move the story forward.
- Select punctuation, vocabulary and grammar to enhance meaning.
- Use organisational and presentational devices to structure non fiction texts.
- Use prefixes and suffixes and understand the reason for using them.

Maths

- Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit.
- Round any number up to 1,000,000 to the nearest 10, 100, 1,000, 10,000 and 100,000
- Add and subtract fractions with the same denominator, and denominators that are multiples of the same number.
- Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$ and those fractions with a denominator of a multiple of 10 or 25.

Physical Activity

PE: Play competitive attacking and defending games improving our football and hockey skills.

Forest School: children will continue to develop the new Forest School area with a focus on planting, growing and creating natural habitats.

French

- Talk about our daily routine and write using the appropriate grammar.
- Talk about details of a typical day.

Music

- 5K will listen to, with attention to detail and recall sounds associated with traditional fairground music.
- 5S will continue K2M guitar lessons on Mondays.

Staff:
Mr Duncan Barrett
Mr Krishan Klair
Mrs Sharon Hubbard



Religious Education

- Explore the diversity of religious traditions in Christianity, Islam and Hinduism and reflect on their similarities and differences.

Personal, Social, Health Education and Citizenship

- Know why and how rules and laws are made and enforced.
- Look after and learn the value of money.

Homework

Children are required to complete at least one project each half term. You can choose how to present your project (photographs, models, written work or pictures). All of the projects are based around our topic 'Scream Machine'. Please be as thorough as possible!

Research a famous theme park and create a leaflet advertising it.

Design your own theme park and explain why it is the best theme park in the country!

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?

Make a loop the loop using flexible track. Modify the track until a marble or toy car can successfully make it round the loop.

Plan a trip to a local theme park for your family. Calculate how much it will cost, how long it will take to get there and write an itinerary for the day.

Research and write a biographical account of Walter Elias 'Walt' Disney, animator and entrepreneur.

Research the history of fairground rides and create a PowerPoint presentation that includes information, timelines, pictures, film and sound clips.

Reading

Children are encouraged to read throughout the week (their chosen text from Accelerated Reader Programme). Home school link books must be brought in once a week so that teachers can see the time they are spending reading at home.

In school, children will then be given a quiz on their chosen book so that class teacher's can see their understanding of the text.

Times tables

Children will receive a times-tables activity sheet every **Wednesday**, which is to be completed independently. Please mark it with them at home and return it to school the following Wednesday so children can receive their next sheet.

