

Year Group: 5 Term: 4

Project Title:

Scream Machine!

Learn about the science behind roller coasters and write poems that are shaped as a loop the loop. Design a theme park. Time for some mini investigations. Cam mechanisms, pendulums, pulleys and prototypes. Let's go behind the scenes to see forces at work. Good news. The engineers at 'Scream Towers' love your work and want you to build a death defying new drop ride for their theme park. Make a working model and test it out with uncooked eggs. Cracking stuff. Okay, ready to ride?

Don't forget to scream if you want to go faster.



Literacy

Narrative Overcoming the monster (Wolf Brother)

Non-fiction Persuasive writing to advertise a new ride for a fairground.

Poetry Shape and concrete poetry

Spelling/Punctuation and Grammar—weekly spelling tests on a Friday. Daily punctuation and grammar.

Guided reading text: The boy who swam with Piranhas

Homework: read 4 x per week
Learn weekly spellings for a test each Friday

Geography

Use maps, atlases, globes and digital/computer mapping to locate countries and describe features studied.

Analyse and compare a place, or places, using aerial photographs, atlases and maps.

Maths

Adding and subtracting fractions
Adding and subtracting mixed numbers
Fractions of an amount
Fractions of a quantity
Multiplying fractions
Problem solving and reasoning
Times tables (up to 12 x 12)

Our Times table test will be on a Friday.
Please practice at home regularly

Science

Centripetal forces
Investigating pendulums and pulleys
Resisting motion

ART and DT

Portraits—created through drawing, painting and photography. Artistic movements— the Expressionists.

PE

Striking and Fielding: Rounders

Music

Make you feel my love by Adele

R.E

Theme: Salvation

Key Question:
What do Christians believe that Jesus did to save human beings?

PSHE/RSE

Healthy Me

MFL: French

En Vacances

We will be learning how to talk about our holidays in French

Computing

Creating a programme that uses selection