

- Reading - fiction and non-fiction books about inventors, inventions and science
- Writing - narrative settings, scientific recounts, Leaflets, descriptions
- Speech, commas, homophones and near homophones, problem suffixes, cohesion

English



- Fractions of quantity, describe and compare fractions, equivalence
- Converting between units of measure, converting from and to fraction and decimal fraction quantities, solve problems involving

Maths



- Give reasons for the particular uses of everyday materials
- Explain that unsupported objects fall towards the Earth because of the force of gravity
- Identify the effects of air resistance, water resistance and friction
- Recognise that some mechanisms allow a smaller force to have a greater effect

Science



# SCREAM MACHINE

Roll up, roll up! Learn about the science behind roller coasters and write poems like loop the loops. Design your own theme park and show your ideas in a digital map. Time for some investigations – cam mechanisms, pendulums, pulleys and prototypes. Let's go behind the scenes and see forces at work.

SUBJECT DRIVER: SCIENCE

- Explore the differences between pastels and oil crayons
- Make 3D models using paper folding techniques and use different means of attaching paper

Art



- Creating media - video editing
- Create short group videos
- Capture, edit and manipulate video

Computing



- Design and build a moving toy using a cam mechanism
- Measure, assemble, join and combine materials and components
- Evaluate product and design and identify strengths and areas to improve

DT



- Holidays
- My Home

French



- Use fieldwork to produce sketch maps with complex symbols and keys

Geography



- Consolidate chords learnt already on the ukulele and learn to accompany a song using the chords C, Am, F and G7.
- Compose a song in a group and distinguish between melody, pulse and rhythm.
- Know the purpose of bar lines and how strong and weak beats work within them.
- music through history

Music



- Understand who I am as a person
- Understand that belonging to an online community can have positive/ negative consequences
- Understand online rights and responsibilities
- Monitor my own screen time and understand the problem of too much screen time

PSHE



- Athletics - practise fluency and coordination in accelerating and decelerating for speed, practise how to accelerate from a variety of starting points, travel at different speeds for sustained periods of time, develop and practise jumping for height and distance
- Cricket

PE



- Hinduism (continued)
- Justice Rights and Respect

RE

