



Year 5 Learning Leaflet



English

We will be basing our English on our Scream Machine topic to work on three different styles of writing, starting with poetry to include personification and alliteration. Following on we will investigate two non-fiction genres, the first being an explanation text to look at mechanics and how things work. Finally we will write persuasively, in the style of an advertising leaflet to try to encourage visitors to our rides. So up, up and away! We will be using two contrasting texts for reading, 'The Boy who Swan with Piranhas' by David Almond and also 'The Way Things Work' by David Macaulay.

Maths

We start the year looking at the place value of numbers up to 1 million, exploring the vital skills of comparing, ordering and rounding numbers as well as building knowledge of Roman numerals.

We will then move onto the addition and subtraction of numbers, using formal column method but also exploring the concepts of estimating and inverse in order to check calculations or complete rough mental calculations.

Afterwards, we will build on Year 4's learning by looking at statistics: line graphs, tables and time tables, so if you are travelling by bus or train, please get the children involved!

Finally, please keep up the times table practice at home. It will be a focus in school but will be vital next half term.

Scream Machine

Welcome back to a new school year!

We are delighted to have the children back in school. This half term our topic is Scream Machine. Although this is primarily a Science based topic, we will be using rollercoasters and theme parks as an inspiration for a range of different activities across the curriculum.

Other subjects

RE - How far would a Sikh go for his/her religion?

PE - Invasion games, starting with Football

PSHE - We will be focusing heavily on the wellbeing of the children this half term (enabling them to be open about their emotions, supporting friendships and establishing the new routines in and around school). Me and my relationships will be the focus of the rest of our learning this half term,

DT- Looking at and designing marble runs. Using cams, levers and pulleys

Dates for the diary

Parents Evenings (dates and format to be confirmed).

School closes for half-term on Friday 23rd October.



Topic

Geography - we will be looking at the location of theme parks in the UK and wider world and investigating the best places to site them.

Art, Design and Technology - much of our Science learning will involve the design, construction and testing of solutions utilising various materials.

Music—we will be developing our understanding of the key musical elements though performance and composition using untuned percussion.

Computing—we will be creating questionnaires and then inputting the data on databases.

Science

This half-term we will be exploring the world of forces: air and water resistance, friction, mass, inertia. We will have some hands on experiments allowing the children to understand how objects can be moved, stopped, slowed down or made faster through the application of forces. We will also examine the role of levers, pulleys and simple machines.

We will have a particular focus throughout the year on children regularly investigating through fair Scientific tests and becoming increasingly fluent with Scientific language. To help further embed this way of thinking we will carry our several additional class experiments.