Autumn Term Curriculum Overview

Year 5 - Woodpeckers

English

The start of this term will begin by looking at persuasive writing texts. After designing our own theme parks, we will be writing persuasive leaflets and letters, encouraging people to visit our parks!

We will then go on to develop our language skills, looking at similes, metaphors and personification to write descriptive first person accounts of rollercoaster rides.

We will continue our regular grammar and spelling sessions. This term the focus will be on recapping the main word classes – nouns, verbs, adjectives, adverbs, determiners and prepositions.

Science

Our topic this term is 'Forces'. The children will learn about the effects of gravity, friction, air and water resistance as well as build models to explore the ways in which pulleys, levers and gears work!

Next term our topic is 'Properties and Changes of Materials'. We will be looking at the differences between a variety of materials and how materials can be mixed and dissolved, and reversibly and irreversibly changed.

Mathematics

This term the children will be learning to:
- read, write & order numbers up to 1,000,000
- use negative numbers in context, and calculate intervals across zero.
- solve number problems and practical problems.
- Round any number up to 1000000
- Read Roman numerals to 1000 (M)
- Add and subtract whole numbers (4 digits)
- Multiply and divide whole numbers by 10, 100 and 1000.
- Multiply numbers up to 4 digits by a one or two digit.
- Divide numbers up to 4 digits by a one digit number using the formal method.

Topic

Roll up! Roll up! This term our topic is 'Scream Machine!' We will be finding out about some of the most amazing theme parks around the world before designing our very own!

Testing, Testing! Time for some mini investigations! Cam mechanisms, pendulums, pulleys and prototypes.
Once you become an expert, put your knowledge to the test and build your very own ride!
Okay, ready to ride? Scream if you want to go faster!

PE

Swimming lessons will take place on a Wednesday afternoon. Please ensure children have their kit, including a swimming hat. The second PE session will be taught by Premier Sports. All children will need a labelled PE kit, and **outdoor clothes and trainers**.

RE and PSHE

This unit asks the question, 'What does it mean if god is holy and loving?' The children will be reading extracts from the Bible and discovering what it reveals about God. They will then go on to make connections with how Christians put these beliefs into action.

Homework

Reading: Children are asked to read **every day** and have their reading records signed by a parent/ guardian, ready to be checked the following day.
Maths and English – Homework will be given out on Friday to be returned by the following Wednesday.
Spellings: given out on Friday to be learnt for the following Friday's test.

PLEASE ENSURE THE CHILDREN HAVE THEIR READING BOOKS EVERY DAY.