

# Year 5

## Spring 2 Curriculum

What's happening in Year 5 this term?

### BIG MATHS

During this half term, Year 5 will be covering a range of topics including shape, amounts and explaining data. These will allow the children to apply the skills taught during the CLIC in BIG MATHS. In order that the children build confidence and develop speed when using their times tables knowledge, we would ask you to seize opportunities to practise and learn both multiplication and division facts, in real life situations. **It is essential that the children learn their personalised weekly facts that they have as homework from their teacher. The children will select Learn Its from their Ultimate test that they feel they need to practise.** We will also be teaching outer maths as part of our **Scream Machine** topic where the children will be calculating the cost of items to create their own rollercoaster. The school continues to subscribe to MyMaths and TT Rockstars and each child has a personal login.

### LITERACY/TOPIC/SCIENCE

As the year progresses, we will continue to use the four cornerstones of learning approach: engage; develop; innovate and express in order to 'bring the curriculum to life'. Each stage of learning has its own unique characteristics, which help children learn and remain motivated throughout an Imaginative Learning Project (ILP). Each ILP has a subject focus (e.g. geography) but at the same time combines a range of subjects and literacy genres to form child-friendly and stimulating themes. The title of our Imaginative Learning Project this term is **Scream Machine**.

In literacy we will be focusing on mystery/horror narrative. There will be a particular focus on children incorporating a range of different sentence types into their work, using a range of punctuation and also ensuring that their work is presented neatly through the use of fluent and legible handwriting and proof-reading after each draft. We will also spend time looking at a range of poetry including performance poetry and playscripts.

In science, we'll be investigating forces by carrying out an experiment using newton meters, witnessing the wonders of centripetal forces, looking at theme parks and listing the visible materials, and building a loop-the-loop track for marbles investigating how high the structure can be built without the marble falling off.

In geography we'll locate some of the most popular theme and adventure parks on a map of the UK and find out where they are in relation to urban and rural features and also visit websites of theme parks outside the UK taking virtual tours and analysing maps and plans of the parks.

In art & design/design and technology we will be investigating roller coaster carriage designs, thinking about their structures and materials used in construction, imagine they are riding a moving rollercoaster and take a series of portrait photographs that capture moments of pleasure, fear and surprise and design their own theme park.

#### PHYSICAL EDUCATION

Throughout this term, children will continue to work with our specialist sports coach on a Thursday developing their fitness through a variety of challenges. Weather permitting, this session will mainly take place outside, so in addition to their normal PE kits of yellow T-shirt and royal blue shorts children may wear, black/blue jogging bottoms, sweatshirts and trainers. On a Monday or Wednesday, children will also have an extra PE session with their teacher and sports coach. **Ear-rings must be removed and long hair tied up for both sessions.**

#### HOMEWORK

MONDAY	Please listen to your child read and write in their record book.
TUESDAY	Please listen to your child read and write in their record book.
WEDNESDAY	Please listen to your child read and write in their record book.
THURSDAY	Please listen to your child read and write in their record book.
FRIDAY	Fortnightly, your child will be set spellings from the National Curriculum or Oxford Owl programme Your child will receive maths or reading homework as well as occasional topic homework. Your child will select three or four Learn Its off their Ultimate test to practise.

#### READING RECORD

Please record when you hear your child read at home and indicate when they have finished and discussed the book by writing END or FINISHED. Please remember to tally the amount of books your child has read.

Thanks for your co-operation and support,  
Miss Beere, Mrs Collins and Mrs Vann