

# Year 5 Autumn Term



## Let's spring into action in 2019!

As we move into a new academic year we can't wait to get started on our new topics and to get to know the children better. We know that there will be some hard work ahead of us, but that we will have so much fun along the way.

## History/Geography

Through our topic cosmic cosmos, we will be commemorating the 50<sup>th</sup> anniversary of the first man to walk the moon. This will involve researching key events in space exploration, writing press releases as viewpoints from USA and Russia's perspective through the space race, and explore the roles of men and women during this time.

## Maths

At the start of the year the main focus will be on the place value of numbers. As part of this we will compare numbers, order them by size and round them. The numbers will be up to 10 million, which is quite a jump from the size of numbers that the children are used to. We will then spend the period up to Christmas looking at mental and written methods for addition, subtraction, multiplication and division.

While working we will use lots of Bar Models and images to help us understand these areas of Maths and the children will have the opportunity to complete as many Reasoning and Problem Solving activities as they can to develop their understanding.

## English

We will begin the year celebrating the work of Roald Dahl through activities based on Charlie and the Chocolate Factory. These will involve inventing a new character, and designing a Dahlicious sweet for the Chocolate factory! Throughout the term, children will be focusing on using grammar and vocabulary to create impact for the reader. We will also be covering poetry, recounts, narrative, film narrative and instructions. The children will have spellings to learn on a weekly basis from their class teacher and these will incorporate phonics rules being taught also. A Reading Eggs comprehension tasks will be set weekly to complete at home.

## Science

As scientists the children will begin the year with carrying out experiments based on types of chocolate and their melting points, linking it our theme of Roald Dahl's Charlie and the chocolate factory. We shall continue to develop our science skills and knowledge with a focus on Earth and Space – Cosmic Cosmos!

Children will then move onto materials, looking at reversible and irreversible changes. They will have the opportunity to plan and carry out investigations to broaden their knowledge. They will also be encouraged to use the correct scientific vocabulary linked to this new topic.

## R.E.

The children will begin the Autumn term learning about how and why Christians pray. After our half-term break, we shall then focus on Hindu, Jewish and Islamic prayer: what difference does it make?

## Computing

In computing, the children will learn to use the more advanced features of Power Point. We will create a Power Point about the Planets and aim to create transitions and animations to make the slides more interesting.

## Design & Technology and Art

In Art we will look at creating artwork based on our topic of Cosmic Cosmos. We will then explore how to create a Moon Buggy. The children will create a design brief and specification before creating a plan and consider how they will build it. Finally, they will build the Buggy using the materials that they have and adapting their plan if they need to.

## P.E.

This term the children will have the opportunity to continue swimming lessons at Colton Hills on Thursday mornings. These lessons will be available to all children across the term.

P.E lessons will be taught by the PE teachers from Soccer 2000 team on Wednesday mornings.