**Spring 1 Term Newsletter Year 6**

**Maths**

We will be focussing primarily on Fractions, Converting Units and Ratio. Children will need to have a basic understanding when working out equivalent fractions and converting between the 3. The children will gain the opportunity to develop problem solving skills and reasoning skills as well as secure their fluency. We will also begin to tackle algebra and fine tuning our understanding of BIDMAS.

**Science**

We will be investigating the topics ‘Light’ and ‘Energy’.

The children will investigate circuits and how to make traffic lights. They will also find out that Light travels in a straight line. When you place a torch on a table in a dark room, the beam travels in a straight line. Reflection is when light bounces off a sur- face - this changes the direction in which the light travels.

**English**

This term we shall we will begin to explore the book “The Story of the Wind”. This book focuses on different human rights and the importance of these human rights in creating a happy, safe and fruitful society. This links with our last topic and allows the children to get to know the faced behind countries with poor human rights. The children will be creating stories and narrative texts using this book as stimulus.

**P.E.**

We will be taking part in gymnastics where children will begin to learn balances and counter balances. To do this we will learn how to move our bodies in ways that lay foundations for others movement.

The children will continue to go swimming on a Thursday.



**PSHE**

Year 6 will be focusing on being healthy and making healthy choices. We will discuss health, fitness and nutrition. In addition to this, children will be coming up with their own exercise regimes and investigating how these routines help keep us fit and healthy.

**R.E.**

**The children will investigate and answer this key question - ‘Why is it better to be there in person?’**

Thinking back to learning about prayer and worship, children find out about significant religious and non-religious journeys and pilgrimages and why going to a particular place is so important to some people.

**Computing**

We will be exploring ‘**Variables in games’ -**

Computing focus – variables

* Explain why variables are used in a program.
* Design, create and evaluate my own program that uses variables.

**Humanities**

Year 6 will be having an in-depth look at History. Our next topic is the Civil Rights movement. This topic will focus on the segregation of black and white people in the USA and how to overcome adversity. We will also be looking at the modern day elements of the Civil Rights movement and the Black Lives Matter movement.

**Music**

This unit builds upon the learning in Exploring Classical Music 1 in year 5. Children study two new pieces: Symphony No. 1 in E minor (3rd mvt) by Florence Price and the Doctor Who theme tune by Delia Derbyshire, from the BBC Ten Pieces. Children will learn about rhythmic elements from the pieces through singing games and using props and will learn about the cultural background and the composition of these pieces.