



Year 4 Curriculum Letter

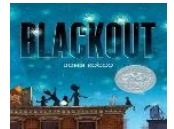


Autumn Term 1 2020

Welcome back! It's so nice to be back in school and we look forward to keeping you informed about what is happening in class via the Curriculum Letters and Knowledge Organisers.

English

In English the children will be using the book Blackout. We will begin by exploring the text and looking at the features within it as well as the grammar used to make it effective.



Following this, we will innovate the story thinking about new characters, plots and settings before writing our own chapter of the book. Later on this half term we will be looking at and writing our own play scripts and explanation texts linked to our topic of 'Sparks will Fly'.

Maths



In our Maths lessons we will be consolidating a variety of skills as follows;

- Count in multiples of 6, 7, 9, 25 and 1000.
- Find 1000 more or less than a given number.
- Recognise the place value of each digit in a four digit number (thousands, hundreds, tens and ones)
- Order and compare numbers beyond 1000
- Identify, represent and estimate numbers using different representations.
- Round any number to the nearest 10, 100 or 1000
- Solve number and practical problems that involve all of the above and with increasingly large positive numbers.
- Count backwards through zero to include negative numbers.
- Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.
- Estimate and use inverse operations to check answers to a calculation.
- Solve addition and subtraction two step problems in contexts, deciding which operations and methods to use and why.

Science

Our topic this half term in Science is 'Electricity'. We will begin by exploring how electricity is used in everyday life and why it is important to use. We will then look at different sources of light and how they are generated and exported. Following this, the children will discover circuits and components needed to make electricity flow. This will be done through trial and error with lots of different challenges to create. By the end of the unit we are hoping to award all the children with a special 'Apprentice Electrician' certificate on completion of set tasks.

DT



In DT we will be looking at product design in order to make a lighthouse that will work electronically too. We will begin by exploring the structures and how they are formed then following this the children will create their own design of a lighthouse to be made. Once the lighthouse is made they will add the electronics in order to make it light up. To finish the unit, we will evaluate our products with peers and think about key improvements.

RE

The RE unit this half term is called 'God, David and the Psalms'. To start the unit, we will introduce David and some of the Bible stories he was involved in to think about the values God wanted all people to have. Using the stories, we will discuss how what we have learnt can have impact on our daily choices and how we deal with real life situations. Towards the end of the unit we will discover the Psalms from the Bible by listening to them and creating artwork and special boxes to portray the teachings.



PE



Due to current restrictions on social distancing PE will be slightly different this half term. It will focus on fitness and the individual. There will be different activities set each week and children will be encouraged to improve the amount they can achieve. We will also be looking at activities that require children to think and solve problems.

Computing

This terms computing topic will be computer programming. We will teach this by using "Purple Mash" and 2Code which can be accessed at home via the school website. In a few weeks' time you will be able to ask the children how to move their characters around, change the back drops, change colours and speak the conversation they have created. We will discuss new vocabulary such as algorithm, decode, fix and debug.



PSHE

This focus in PSHE this half term is 'Growth Mind-set'. It is an approach that we are beginning to incorporate as a school in order to make the children more independent and resilient in all situations. We want to teach the children that failure can result in positive learning and challenges are the best way to grow your intelligence. We will also look at the unit 'Being Me in the World' and Helping the Community.