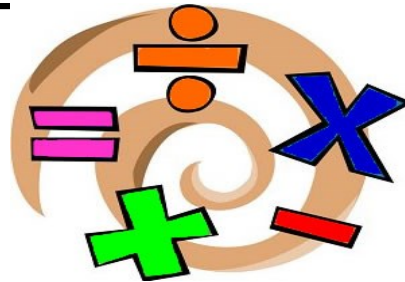
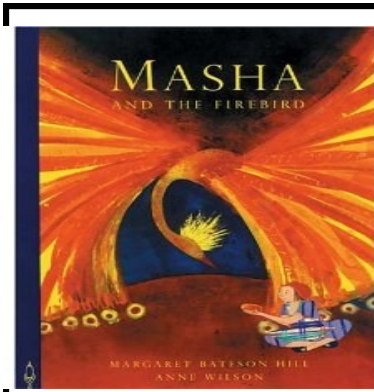


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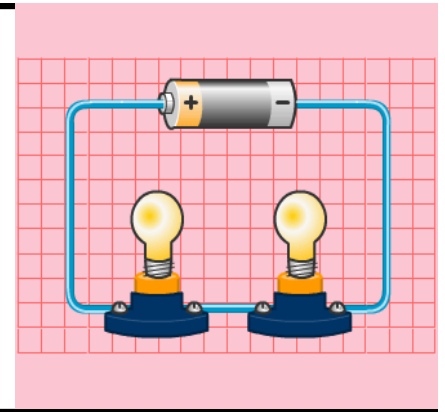
CURRICULUM
FOR THE SCHOOL COMMUNITY

Spring 2016

Issued termly Unit 2 Year 4 January 2016



Maths



English

During this term the children will be studying stories from other cultures. They will be using the book 'Masha and the Firebird' to identify common features and themes. They will be identifying features of a story and producing their own stories based on this book. They will be learning how to choose vocabulary and manipulate sentences in order to write effective stories.

In the second half of the term children will also be introduced to explanation texts, where they must produce their own explanation text about the world's most dangerous animals.

As part of the New National Curriculum, children will be learning about pronouns, prepositions, adverbial phrases and how to set out dialogue correctly. In spellings they will be learning how words are formed using prefixes and suffixes.

This term, children will be continuing to use appropriate **written methods** for **addition, subtraction, multiplication** and **division**. They will **solve word** problems involving all four operations and apply written methods learnt.

In addition, they will consolidate names and properties of 2D shapes; sort, compare and classify shapes (including regular/irregular, acute/obtuse/right angle). Furthermore children will be learning how to identify lines of symmetry in 2D shapes presented in different orientations; identify lines of symmetry in other images. Children will begin to describe positions on a 2D grid as co-ordinates in the first quadrant; write and use pairs of coordinates

In the second half of the spring term, the children will continue to recognise fractions in the context of numbers, measurements, shapes and of quantities; use the terms numerator and denominator; write fractions using notation and words; consolidate finding unit fractions of numbers and relate fractions to decimal place value. They will practice **measurements** and **conversions**. They will identify appropriate units of measure for **Mass** and **capacity**. Lots of work around this will be practical, involving children reading scales, and weighing.

Science

This term children will be completing work on "**States of matter**".

Then they will move on to the new topic "**Electricity**". The children will **revise** what they know about it and stress the care needed when using it. We will look at how we use electricity and what life would be like without it. For example, how many **appliances** are there at home or around the school that rely on electricity?

The children will make a **light bulb** work using a **battery** and **wire**. We will experiment with **circuits** and **test** them by varying the **layout** and **apparatus**. These will be recorded through the use of symbols to represent the items in the circuit.

Then materials will be tested for **insulation** or **conduction**. This will lead on to making **switches**.

OUR FOUNDATION



Geography

This term the children will be finding out about the continent of Europe. They will begin by ensuring they know the names of all the continents and oceans and will revise the countries within the UK. They will use their map reading skills to study political and physical maps of Europe, and find out about important mountain ranges, rivers and seas. They will learn the names of countries which border each other and learn the names of capital cities within those countries.

After half term, children will be finding out how people live in specific European countries. They will contrast life of children in Paris with those who live in rural areas of France like Provence and the Alps. They will be studying other European countries such as Russia.

Computing

In Computing the children will be introduced to excel, using their computer skills in conjunction with work in maths and science. They will create tables and graphs add labels and titling where appropriate. They will also learn to create lists, order and organise data.

After the half term break we will be looking at developing our programming and coding skills. The children will be using the 'scratch' programme, which is free to download to use at home, to produce algorithms through a drag and drop format, allowing them to create their own computer games.

PE

In outdoor games the children will be learning the rules and practising **handball skills**. The children will learn the safety rules and how to **throw, catch and use different movement techniques**. They will be taught how to make **good decisions and when to pass, shoot and move with a ball**.

In addition to learning handball skills, year 4 will be having **swimming lessons** at Camberwell swimming pool. These lessons will continue until the summer term.

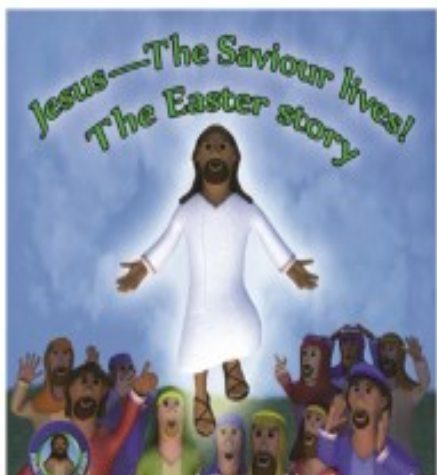
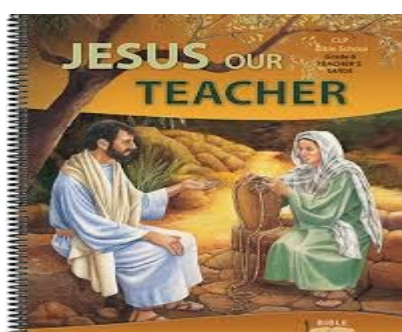
Quick reminder: all children must wear a swimming cap during lessons.

SUBJECT NEWS

RE

During the first half term children will be looking at the theme “Jesus, the Teacher”. In the second half of the term, children will be looking at the theme “ Jesus, the Saviour”.

See separate sheets for more information and details.



Art

This term children will be creating their Art work using cross curricular links with English and Geography.

To begin with this term, children will be focusing on **primary** and **secondary** colours. They will be producing artwork that reflects these colours and mixing to produce images that contain primary and secondary colours. They will be blending vibrant colours using different media like chalk and oil pastels, to produce images of the Firebird linked to our Literacy text.

They will also be using collage to design the eggs of the four elements; Earth, Water, Air and Fire. Finally they will be studying images of Russian Faberge eggs and creating their own 3D designs.

Music

This term children will be focusing on music from around the world, including songs, rhythms and instruments used in different countries. The aim is to develop the ability to recognise and explore how music is an integral part of most cultures and how it can shape and influence our lives. This topic will involve using authentic instruments to enhance a class performance of a song from a country other than their own.