

**Modern Foreign Languages - Mrs Donald** Children will be learning modes of transport , simple weather phrases as well as the verb "to go" (aller) in order to adapt a song about travelling to school.

**Physical Education/Games:** Games this half term will involve problem solving and inventing games of their own invention. This will include high level group work so pupils can practice their skills in working together and speaking and listening.

Dance this half term is linked to our Extreme Earth topic and will involve pupils narrating ideas based on the eruption of a volcano. Pupils will be expected to change and vary their movements to show clear changes in mood and dynamics

**Personal, Social and Health Education** Pupils will explore what makes a healthy lifestyle, including the benefits of exercise and healthy eating. Pupils will also learn about bacteria and viruses and how they can affect our health. Pupils will be given opportunities to discuss the responsibility they have for their personal cleanliness.

**Music - Mrs Cockcroft** This half term the class will be rehearsing/performing and recording their earthquake composition. The class will be learning about pitch in music - identifying melodic shape and explore different scale patterns including major, minor and pentatonic. We will also be preparing for the Christmas Carol Service.

**Core Learning Values** This term we will focus on the 'working together' aspect of our Learning Values by integrating group work opportunities across the curriculum. This will be designed to improve pupil's skills in speaking and listening, negotiating, compromise and clear explanations of ideas.

#### **Other Information**

**Games kit:** Pupils will need their PE kits in school on: **Monday and Friday**

**Home Learning:** This is set on **Friday** for return the following **Tuesday**.  
**Spellings to practice** (20mins approx); **Mental arithmetic task** (30 mins approx) and **Reading** (25 minutes daily). **Reading Record Comment:** three comments per week **written by pupils please** (Checked every Friday).

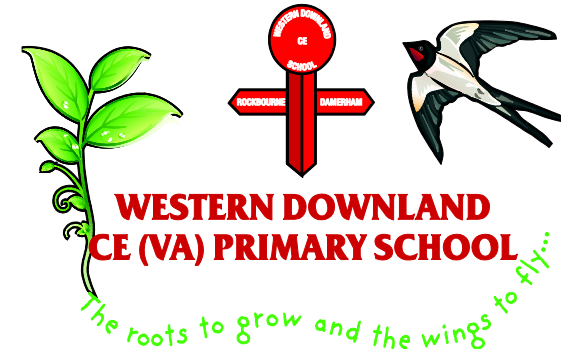
#### **Dates**

Remembrance service at St Andrews -Friday 10<sup>th</sup> November

School Christmas Fair-Friday 1<sup>st</sup> December

Christmas Carol Service-Wednesday 13<sup>th</sup> December

End of topic museum - Thursday 16<sup>th</sup> November p.m.



*Curriculum Newsletter*  
*Year 4*

*Autumn Term 2 2017*

*Mr J Gilbert*

*Thematic Enquiry - "States of Matter"*

## **Curriculum Subjects**

*Over the next half-term your children will be working hard to achieve new learning targets. I hope they have a lovely time in the classroom and you enjoy seeing your child work with enthusiasm. I have high expectations for each child and would like to work in partnership with parents. So, if you have any comments about your child's learning, please get in touch.*

**English** Pupils will be writing newspaper reports relating to our 'Extreme Earth' unit of work last from last half term. We will be writing about natural disasters occurring in fairy tale worlds. For example, a possible tornado destroying the three little pigs houses. I will be expecting pupils to extend their sentence structures to give extra information by using compound and complex sentences with an increasing degree of accuracy. After this, we will be exploring fantasy stories, specifically Phillip Pullman's retelling of Aladdin. Children will write their own version of Aladdin and then their own fantasy story. Children will be working on spelling, punctuation and grammar weekly which will be integrated into English lessons. Reading workshops will continue to take place daily, developing positive attitudes to reading and understanding of a range of texts.

**Mathematics** This half term we will be finding the perimeter of rectilinear shapes (shapes composed of rectangles) and converting between kilometres and metres. Then we will move onto multiplication and division by using known and derived facts to multiply and divide mentally. We will also be beginning to explore formal written methods for  $\times$  and  $\div$  of two and three digit numbers by a one-digit number. Problem solving will also be integrated into this unit.

I will continue to hear children recite their times tables and test them on the multiplication and division facts associated with their times tables. Please continue to practise these with your child at home. Expectations at the end of Year 4 are that children will know their multiplication tables up to and including the 12 times table.

### **Science**

This half term will be our 'States of Matter' topic where we will:

- Compare and group materials together, according to whether they are solids, liquids or gases

- Observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius ( $^{\circ}\text{C}$ )
- Identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

To build on their learning about the three states of matter children will set up simple practical enquiries that will observe the properties of materials as solids, liquids and gases. We will:

- Observe that gases fill up every corner of space including the gaps between materials such as soil, gravel and marbles.
- Make careful observations over time relating to how changes in temperature affect materials.
- Find different ways to slow down or speed up the rate of evaporation of water.

### **Computing**

Pupils will use 'Scratch' to programme a conversation between two characters. After writing their newspaper reports, they will use Microsoft Word to word process their reports, formatting it into columns.

### **Religious Education**

The children will be studying Judaism and in particular the special relationship Jews have with God and the promises they made to each other.

### **Design Technology**

To link with our work in Art, we will be exploring different ways of planning our ideas in developing a 3D model of a volcano (linking with our Extreme Earth topic. Time will be spent investigating and evaluating different materials and their suitability to the task.

### **Art**

We will explore hot and cold colours by mixing colours in painting. This will lead onto using different materials and techniques to represent a volcano. We will also complete a short unit looking at Japanese artists representations of tsunamis.