

English - Instructions, poems and information writing.

We will begin by reading The Iron Man by Ted Hughes then we will use the book as inspiration to write a set of instructions.

Next we will read and discuss poems. We will use a variety of poems for this including Nonsense Poems by Edward Lear. Then we will write our own poems using the structure of the poems studied as inspiration.

We will then use books and information learned from our other subject areas to create our own information writing.

In addition to this we will continue learning spellings, grammar and punctuation, handwriting and answering comprehension questions.

Maths - Multiplication, division and area

We will begin by looking at multiplication and division, this will include:

- Arrays
- Sharing and grouping
- All of the times tables
- Multiply by 1 and 0
- Divide a number by 1 and itself
- Multiply 3 numbers (Year 4)

Then we will look at area which will include

- What is area
- Counting squares
- Make shapes
- Compare areas

Science - Light

This half term our science topic is 'light'. We will learn that we need light to see things and that darkness is the absence of light.

The children will also discuss various light sources and this will link to our D.T topic about torches.

They will also recognise that the sun is our most important light source but that the sun's rays can be dangerous and that there are ways to protect our eyes.

The children will investigate how shadows are made and how opaque, transparent and translucent materials can affect the shadow. They will also find patterns in the way that the size of a shadow changes.

Key vocabulary: straight line, light source, light beam, reflect, torch, opaque, shine, shadow, absorption, sun, reflection, translucent, daylight, transparent, absorb, lens, cornea, pupil, iris, retina, rod, cone, wave

Geography - How and why is my local area changing?

During this unit of work we will research the following questions.

Why do places change? (natural disasters and actions of people)

How has my local area changed?

How did my local area change as a result of WW1 or/and the closing of the local railway? As we answer this question we will visit St Bartholomew's Church to look at the memorial window, visit the War Grave in the churchyard and look at the inscription on the foundation stone at the Memorial Hall.

How and why has the quality of my environment changed in the past?

How do NASA satellite images inform us of environmental change on a global scale?

Some of our learning in this unit will link back to our history topic from before half term and to Remembrance Day.

Design Technology - Torches

This half term we will identify electrical products and explain why they are useful.

Our main area of focus will be the torch. We will identify the features of a torch and how it works before describing what makes a torch successful.

We will disassemble a switch before making our own working switches.

Then we will create suitable designs that fit the success criteria and the children's own design criteria. At the end of this unit of work we will make a functioning torch with a switch. Year 4 children will be able to use their knowledge of electric circuits during this topic.

P.E - Hockey and multi-skills

In P.E we will continue running the 'daily mile' each morning, weather permitting.

On Monday afternoons I will be teaching hockey which is another invasion game and will allow the children to practise some of the skills they learned before half term.





Whittingham
C of E PRIMARY SCHOOL

Class 2 Topic Letter - Autumn 2 2024

Class teacher - Mrs Fortescue

Supported by - Mrs Chisholm, Mrs Lewis and Miss Forrest

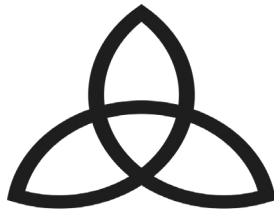
Key vocabulary: battery, bulb, buzzer, circuit, diagram, component, conductor, electrical item, electricity, electronic item, insulator, series circuits, switch, target audience, test, torch, wire

On Tuesday afternoons Mrs Chisholm will be teaching multi- skills and working towards a competition.

Key vocabulary: attacker, back line, bully, centre pass, defender, dangerous play, defend, dribble, goalkeeper, hit, midfielder, obstruction, pass, push, shoot, stick, shooting circle.

R.E - The Trinity

We use the Northumberland County Council Agreed Syllabus for Religious Education and this half term we will be asking what is the Trinity and why is it important to Christians?



PSHE - Ourselves, growing and changing

To recognise their individuality and personal qualities.

To identify personal strengths, skills, achievements and interests and how these contribute to a sense of self-worth

Keeping Safe –

How to predict, assess and manage risk in different situations

About hazards (including fire risks) that may cause harm, injury or risk in the home and what they can do to reduce risks and keep safe.

French - Les animaux (Animals)

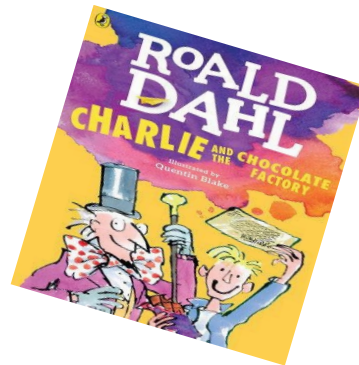
In this unit we will learn 10 familiar animals and be introduced to the 1st person singular high frequency verb 'I am' in French. By the end of the unit pupils will be able to recognise, recall, remember and spell up to 10 animals with their indefinite article. This is one of the first sentence building units where we will have the knowledge and skills to be able to create short phrases with the verb 'I am' plus the animal nouns and determiners.

Key vocabulary: un, une, les animaux, un cochon, un lion, un oiseau, un cheval, un lapin, un canard, un singe, un mouton, une souris, une vache, je suis

We will also learn about a French poem for Remembrance Day - Le Bleuet

Music and Drama - Christmas

This half term we will be learning a range of songs and developing our acting skills for our Christmas Production of 'Charlie and the Chocolate Factory' and for our Church services.



Computing - Data and information, Data Logging

In this unit, we will consider how and why data is collected over time. Consider the senses that humans use to experience the environment and how computers can use special sensors to do the same. Pupils will collect and access data captured over long periods of time. Pupils will spend time using a computer to review and analyse data. Then we will pose questions and use data loggers to automatically collect the data needed to answer those questions.

Class Information

P.E days - Monday and Tuesday

Homework will be given out on a Friday

Please read with your child every night and sign their reading record.

We will be writing poems for the Rotary Club competition - 'Wonderful Water'