



How Does it Work?

Sut mae'n Gweithio?

Eureka! It works, but how? Exploring how different elements of our world functions.

Literacy, Language and Communication/ Ieithoedd, Llythrennedd a Chyfathrebu



Linked to their topic work, the pupils will kick start their literacy work by reading and analysing the text 'The Invention of Hugo Cabret' written by Brian Selznick. Pupils will explore the language, grammar and punctuation used in the text. They will then be given the opportunity to develop their own fictional writing in the same form using complex sentences, dialogue and parenthesis. While exploring different inventions and inventors of the past, pupils will have plenty of opportunities to explore and create their own fact files of famous inventors and their inventions. They will learn how to organise their writing, use technical language and use punctuation that can keep their reader interested. In relation to this pupil will participate in a classroom debate about whether or not technology today has a positive affect on our way of life. Where the children will require to conduct research to support their argument. They will develop key oracy skills that will allow them to use precise vocabulary to respond to different viewpoints and build successful arguments. Throughout the year children will be expected to continue to read at home and learn their weekly spellings. There we will be a great emphasis on children's reading this term not only in guided reading but also paired reading with younger year groups.

Numeracy/Rhifedd

At the start of this term pupils will reflect on fractions and address any misconceptions they may have. They will explore equivalent fractions, adding and subtracting mixed fractions, comparing and ordering fractions, and finding fractions of an amount. Following on from this, pupils will briefly look at ratio which will then lead them to develop a good understanding of decimals and percentages. Pupils will familiarise themselves with decimals, multiplying and dividing by 10, 100 and 1,000. We will also provide pupils with opportunities to use their knowledge and put it into practice with real life scenarios. Towards the end of the term pupils will recap on perimeter, area and volume. Converting some measurements and applying their knowledge to really life scenarios and objects. Throughout the term the pupils will be participating in daily multiplication support sessions to improve their rapid recall with multiplication tables. As a class we will also be focusing on mathematical language and vocabulary, to broaden and deepen our learning. Throughout the term the pupils will be participating in daily multiplication support sessions to improve their rapid recall with multiplication tables. As a class we will also be focusing on mathematical language and vocabulary, to broaden and deepen our learning.

Welsh/Cymraeg

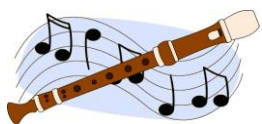
This Term we will start our new topic 'Cymru a fi' (Wales and me) where the pupils will ask and answer about what is in their locality. They will learn the meaning of words commonly used in Welsh place names to then give facts about Wales as a country and describe its attractions. To develop pupils' confidence with the language, they will be encouraged to practice their Welsh throughout the school and at home. This term we will be celebrating Welsh history and learning about key figures that have impacted the Wales we live in today. Each week the pupils will also have a Welsh guided reading sessions and they will read to/with children from Dosbarth Unicorn a Draig.

How can you help?

You can support your children at home, by talking about their learning, **listening to them read daily and helping them to learn their spellings and times tables**. Remember the children can also access a range of online resources and passwords for these will be sent home. As always, we will be keeping you up to date through Class Dojo so keep an eye out for your child! We thank you in advance for your support and understanding.

Please remember we are always here to answer any questions you may have.

Expressive Arts/ Y Celfyddydau Mynegiannol



This term pupils will learn the basic techniques of recorder playing and develop musical skills which can also be transferred to other instruments. By the end they will have a basic understanding of, and able to apply, the building blocks of music – pulse/beat, rhythm, pitch, tempo, and dynamics.

Linked with this years Urdd Eisteddfod pupils will develop pieces of art work that will follow the theme of 'Dreams'. Pupils will explore a range of techniques that will inspire them to create their own 2D and 3D pieces.

Health and Well-being/ Iechyd a Lles

We will start the term off by learning about different medical conditions that are either in our class, or we may come across in the future. Pupils will learn how we can be supportive and respectful to those who are dealing with these conditions. We will also explore ways to stay safe online, how we use devices and internet healthily. We will have many opportunities to work collaboratively and think about ways or supporting others.

P.E. will continue to be with Mr Jenkins on a Tuesday afternoon. We will also participate in daily active time to have a brain break from our work. On Mondays, we will do fitness circuits to music.

Trips, Visitors & Key Dates

Friday 23rd January. The pleasure of a visit from the Welsh Borders Wildlife Group to create some bird boxes

Dydd Santes Dwynwen- Sunday 25th January

Wednesday 28th January KS2 trip to Xplore in Wrexham. Pupils will create moving objects to then be tested to see their best streamline.

Pupils will compete in a range of sporting competitions: girls tag-rugby in February.

Dydd Gwyl Dewi – Sunday 1st March

Science and Technology/ Cwyddoniaeth a Thechnoleg



Pupils will learn about the human anatomy. They will explore the body's circulation and the way it functions. Pupils will conduct experiments of how the heart works measure their heart rate and create scientific conclusions using graphs. They will explore the vital organs and how the digestive system works. Pupils will conduct experiments on microorganisms and demonstrate ways they can

Online Collaboration



During this term pupils will learn to work collaboratively using a range of ICT to complete and share their work. Pupils will learn to use technology devices safely. They will also create a stop motion animation that will explain how something works.



Humanities/ Y Dyniaethau

To begin this new unit of work by exploring the different layers of the earths structure. Pupils will then continue their learning by exploring how the water cycle works, how rivers and waterfalls are formed, and how Welsh coastlines are affected by waves. In combination with this, pupils will look at how technology and transportation have changed overtime. They will identify key inventions that have had the biggest impact on our daily lives and create a fact file of their chosen inventors.

Additional Learning

Pupils will create bird boxes by following instructions and using a range of tools.

They will

Year 5 & 6's will have many opportunities to compete in Urdd Eisteddfod. They will also all compete in our School Eisteddfod too.