



## Incredible Inventions

Eureka! Famous inventors and their inventions from dark ages to now!



### Literacy, Language and Communication/ Ieithoedd, Llythrennedd a Chyfathrebu

Pupils will start the term off by learning what limericks are, how they are structured and have a go at creating their own humorous poem. Linked to their topic work, incredible inventors, pupils will read and analyse 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 inventors of the past, pupils will have plenty of opportunities to explore and create fact files of famous inventors. They will learn how to organise their writing, use technical language and use punctuation that can keep their reader interested. Throughout the year children will be expected to continue to read at home and learn their weekly spellings. There 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. Towards the end of the term pupils will recap on perimeter, area and volume. Converting some measurements and applying their knowledge to real 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.

### Welsh/Cymraeg

This Term we will complete our work on 'Manylion Personol' by creating a Story Map all about ourselves. We will then 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. Each week the pupils will also have a Welsh guided reading session.

### How can you help?

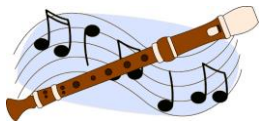


You can support your children at home, by talking about their learning, **listening to them read daily and helping them to learn their spellings and times tables**. Remember the children can also access a range of online resources and passwords for these will be sent home. As always, we will be keeping 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 'Energy'. 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 exploring different scenarios and making good decisions that keep us healthy and safe. This term we have the pleasure of having P.E. sessions with Matt Ferneyhough on a Friday, teaching the pupils basketball techniques to then apply to game situations, Colin Jenkins every Monday morning exploring invasions games skills, and Huw Williams on alternative Thursdays introducing the pupils to contact rugby.

### Some Key Dates

12<sup>th</sup> January - PC Sweetman  
18<sup>th</sup> January - In-door Athletics  
27<sup>th</sup> February - Mixed Contact Rugby  
22<sup>nd</sup> February- Cross Country  
19<sup>th</sup> March - Girls Netball

## Science and Technology/ Gwyddoniaeth a Thechnoleg



This term pupils will learn about Light. How we see things, how it can be reflected and refracted, and how light creates colour on the spectrum. Link to your topic work, pupils will also explore who and how the electric light bulb was invented.



### Show Me the Code

During this term pupils will learn about the internet and the World Wide Web. They will explore variables and functions to then allow them to create their own platform game.



## Humanities/ Y Dyniaethau



Pupils will start this term off by exploring incredible inventions throughout history and order the events of when they are created. They will locate each item on a world map and make the decision of which inventions they believe have made the biggest impact of peoples lives. Pupils will study the history of certain inventors and how they came to discover their inventions.

### Creative Learning

This term pupils will have opportunities in Genius hour to create items to present to their class. They will also be provided the chance to participate in our school's Eisteddfod in March where they can unleash their creativity.

