



**Pennaeth / Headteacher:**

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**Work for pupils if the school has to close because of snow**

**ENGLISH**

**Year 7**

Continue to plan and write your story for the Montgomeryshire Essay Competition / School Eisteddfod. Choose either 'Paths' or 'One Moonlit Night'.

**Year 8**

Continue to plan and write your story for the Montgomery Essay Competition / School Eisteddfod. Choose either 'Paths' or 'One Moonlit Night'.

**Year 9**

Revise for exams: Read a variety of newspaper articles and practise writing a newspaper article based on a topic of interest or write a discursive article on the following, 'Should headteachers close schools when there is snow?'.

Years 7, 8 & 9 can also revise spelling and grammar skills using 'Skillswise' online.

**Year 10**

Continue to study the poem 'Follower' by Seamus Heaney and research relevant background.

**Year 11**

Read non-fiction texts such as newspaper articles, magazine articles and leaflets. Practise writing a non-fiction text such as a newspaper article, magazine article, letter to the editor of a newspaper regarding a controversial topic, persuasive speech, travel writing for a travel book such as 'The Rough Guide' or write a book, film or CD review. Read 'Lord of the Flies' by William Golding and 'A View from the Bridge' by Arthur Miller (Set 1) or 'Blood Brothers' by Willy Russel (Sets 2-4)

Years 10 & 11 can also revise set texts and language skills using 'GCSE Bitesize' online.

**Year 12**

Continue to read Chapter 34 of 'Jane Eyre', study Seamus Heaney's poetry and 'Dancing at Lughnasa'

**Year 13**

Continue to study your chosen LT3 texts and write your draft, continue to study William Blake's poetry and relevant context and continue to study 'The Duchess of Malfi' and relevant context.



**All pupils can also continue to read their personal novel and look up 'Word of the Month' and show its meaning in a sentence. This month the word is 'implore' or 'erfyn' in Welsh.**

## **SCIENCE**

**Year 7** – Research a famous scientist e.g Albert Einstein, Charles Darwin, Isaac Newton. Jocelyn Bell-Burnett. Produce a poster explain their life, where they worked, what they discovered or proposed. Research how plants reproduce.

**Year 8** - Create a presentation about one element in the Periodic Table. Explain what it is used for, how it is obtained, and any hazards it presents. Write an essay about Lead mining in Llanidloes (The Van). Why was lead mined there, what was life like, what were the dangers, how was lead mined, and what did lead mining do to the economy of The Van and Llanidloes. Find out what the 8 main types of energy are called, give examples.

**Year 9** - Revise for the forthcoming exams.

## **Year 10**

**Set 1** – Research smart materials e.g. polymer gel, shape memory alloy, photochromic paint. Give uses for each smart material. Research Cell Theory, why is there debate between whether a virus is living or not? Use online Text, continue with current Physics topic, and answer questions.

**Sets 2, 3, 4**– Research the work of Alfred Wegener and his theory of continental drift. Research plate tectonics as well. Research and be able to explain heat transfer by conduction, convection & Radiation. Research blood sugar testing in diabetics, how is it done? Complete Practise CA worksheet

**Welsh Medium** – Revise for the Biology test on Genetics, Variation & Evolution.

## **Year 11**

**Set 1** – Write an extended essay about the uses of ethanol. Consider the advantages and disadvantages of its use. Research the eye, how does it work, describe the function of the various parts. ? Use online Text, continue with current Physics topic, and answer questions.

**Sets 2, 3, 4 & Welsh Medium** – Create a power point/presentation about smart materials (defnydd craff). Research factors affecting osmosis and osmometers, make notes for controlled assessment.

**Set 5** - Research the work of Alfred Wegener and his theory of continental drift. Research plate tectonics as well. Research and be able to explain heat transfer by conduction, convection & Radiation. Research blood sugar testing in diabetics, how is it done? Complete Practise CA worksheet

## **Welsh First Language - Cymraeg Iaith Gyntaf**

7\* - Write a diary entry for a snow day. Read library book.

8\* - Write a diary entry for a snow day. Read library book.

9\* - Revision e.g. creative writing ('ymson', story, diary, portrait). Read library book.

10\* - Write about things that interest you using the following headings:

Cymru, Hamdden, Byd Gwaith, Byd Gwyddoniaeth/Technoleg, Dinasyddiaeth

('Citizenship' e.g. fair trade, sustainable energy, etc)

11 - Write a speech expressing your opinion on fox hunting. Remember to include reasons for and against your opinion.

Playing language games on the Welsh section of the BBC web site and also reading news stories in Welsh would be beneficial to all years.

#### **Welsh Second Language - Cymraeg Ail-iaith**

7 - Write a letter about yourself to a pen pal.

8 - Write a diary entry for a snow day.

9 - Revision e.g. write about yourself, write about Technology, Music, Holidays in Wales, Healthy Eating.

10 - Revision exercises on Bitesize Welsh Second Language Web site (Context A)

11 - Revision exercises on Bitesize Welsh Second Language Web site (Context A)

Playing language games on the Welsh section of the BBC web site and also reading news stories in Welsh would be beneficial to all years.

**MATHS – please see attached sheet.**

**Please use the 'Student Advice/Support' section of the school's website for additional subject and revision materials.**

As usual, please do not hesitate to contact the school if you have any queries or any helpful advice that would help us to improve the quality of education that we offer.

Kind regards,

Darren Davies  
Headteacher