








Year 4 ~ Blwyddyn 4
Spring Term 1 - Disaster Zone
Spring Term 2 - Flight Engineers

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| <p>Literacy</p>  | <p>Guided reading activities to improve fluency, expression and comprehension.</p> <p>Handwriting - joined, cursive writing with correct ascenders and descenders</p> <p>Spelling - topic related words and specific phonemes or graphemes</p> <p>Reference work including dictionaries, contents pages, indexes, maps and keys</p> <p>Non-fiction texts associated with our topic.</p> <p>Instruction writing, explanations and creative writing</p> <p>Welsh - extending sentences, giving information and opinions. Learning new topic vocabulary linked to Y Party (the party) and the Eisteddfod and becoming confident asking and answering questions</p> |
| <p>Mathematics</p>  | <p>Decimals and percentages, fractions, ratio and proportions</p> <p>Place Value</p> <p>Mental and written Addition, Subtraction, Division and Multiplication</p> <p>Measurement and money, Time-24 hour clock</p> <p>Perimeters, Properties of shapes</p> <p>Problem solving and reasoning skills</p> <p>Using and applying number skills in everyday situations.</p> |
| <p>Disaster Zone - Spring 1</p>  | <p>The Disaster Zone topic has a <i>Geography</i> and <i>Science</i> focus.</p> <p>In this project the children will learn:</p> <ul style="list-style-type: none"> • About how different weather and the make-up of the Earth affect us • How to use geographical field work skills on coastlines; • How to use data and draw conclusions from it; • How to make maps and plans and use geographical resources; • About the environmental impact of global warming; • How to write reports and a range of other information texts, how to film them and about the editing process. |
| <p>Flight Engineers - Spring 2</p>  | <p>This project has a <i>Science</i> focus and teaches children about flight engineers. In this project children will learn:</p> <ul style="list-style-type: none"> • About a range of flying gadget/machines and the scientific principals that make them work; • About a range of flying animals and their habitats; • About the history of flight and its economical and social importance; • How to collect and record scientific data; • How to construct a fair test and present scientific information; • How to evaluate the effectiveness of materials for use in flight. |

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| <p style="text-align: center;">RE</p>  <p style="text-align: center;">Holy Books</p> | <p>Discuss books in general. Why are books important? Special books for different religions.</p> <p>The Bible as a holy book (Old and New Testaments, letters, poetry, psalms, etc.).</p> <p>Explore the translation of the Bible into Welsh.</p> <p>William Morgan - study historical sources and investigate influential people in securing that Bibles were available to all.</p> <p>Explore the story of Mari Jones and her struggle and determination to acquire a Bible.</p> |
| <p style="text-align: center;">ICT</p>  | <p>Using the internet safely to research topics and to find information.</p> <p>Programming skills - using programmes such as SCRATCH to begin to write code and to produce moving images.</p> <p>Filming and editing - using cameras and ipads to produce short films, using editing software to adapt and change their films.</p> |
| <p style="text-align: center;">Science</p>  | <p>Our Sustainable World Topic:</p> <p>Looking at natural and manmade objects and their uses.</p> <p>Identifying sustainability issues for the planet including energy and waste.</p> <p>Investigating pollution and waste within our locality and identifying ways to make changes. Links to our Disaster Zone topic with how people can help cause and solve climate change,</p> |
| <p style="text-align: center;">PE</p> | <p>Dance</p> <p>Gymnastics skills (PESS)</p> <p>Outdoor - games skills</p> |

Useful websites:

<https://readtheory.org/> your child already knows their login details

<https://www.bbc.co.uk/newsround> - discussion and current affairs

<https://scratch.mit.edu/> - simple coding

<https://kidskonnnect.com/science/natural-disasters/> - topic information

<http://www.sciencekids.co.nz/> - fun experiments at home

<https://www.topmarks.co.uk/maths-games/7-11-years/mental-maths> - games to practise maths skills

<https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar> - spelling