



## WELCOME TO YEAR 6 - CROESO I FLWYDDYN 6

**Teachers - Mr Jarvis and Mrs Morgan**  
**PPA staff- Mrs Chinneck and Mrs Barlow**

Blwyddyn Newydd Dda! Our topic for this term is 'Survival of the Fittest'. The children have already given us ideas about what they would like to learn about during the topic and we have incorporated them into the curriculum plan below.

### LANGUAGES, LITERACY AND COMMUNICATION

**Oracy** - Drama activities based on our class text, presenting research, expressing an opinion clearly. Attenborough-style documentaries.

**Reading** - Whole class Guided Reading sessions based on the book "Darwin's Dragons" by Lindsay Galvin. Non-fiction reading to research facts about the topic.

**Writing** - Narrative, diary and letter writing based on our class book. Imaginative writing to create a new species of animal. Non-fiction writing such as Darwin-style species reports and non-chronological reports of different biomes.

**Welsh** - Focussing on expressing an opinion and extending our language patterns to include the past tense and the future tense. Focus on the book 'Pa Glwb?'

**International Languages** - Children will enjoy a 30 minute Italian lesson every Monday afternoon.

### MATHEMATICS AND NUMERACY

**Place Value & Number** - Read and write numbers to one million and numbers to 3 decimal places. Understand place value in decimals, revision of prime numbers, BODMAS. Use the terms square and square root. Use ratio and proportion to calculate quantities.

**Addition and subtraction** - Choose an appropriate mental or written strategy and know when it is appropriate to use a calculator. Add and subtract decimals and fractions.

**Multiplication & Division** - Revision of long multiplication and different methods of division. Multiply decimals, multiply and divide fractions and mixed numbers. Use mental strategies to recall multiplication tables up to 12x12.

**Shape and Space** - use mathematical language to accurately describe 2 and 3-dimensional shapes. Investigate the properties of 3D shapes, explore symmetry, shape translation and reflection.

**Measure** - Read and plot coordinates in all four quadrants, measure and draw angles to the nearest degree, calculate missing angles. Measure and record temperatures involving positive and negative readings.

*Children will have the opportunity to apply their mathematical skills across the curriculum.*

### SCIENCE AND TECHNOLOGY

Explore how animals and plants are adapted to survive in their habitats.

### HEALTH AND WELL-BEING

Recapping our learning assets - we are resilient, we are curious, we are resourceful,

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<p>Research food chains within a range of habitats. Investigate the similarities between animal and human physiology. Research the human circulatory system. Use Minecraft to design a polar research station. Programming &amp; computational thinking: use logical reasoning to explain how some simple algorithms work. Design, write and debug programs that accomplish specific goals. Use a green screen to present an Attenborough-style documentary from the Galapagos Islands. Cyberbullying Session with PC Alex.</p>	<p>we are reflective, we are a team. Outdoor skills-based hockey sessions and indoor creative dance lessons. Plan and prepare a meal for a Polar Explorer. Design and make a healthy smoothie for The Winter Olympics. SAP sessions with Mrs Barlow &amp; Mrs Rees-Williams. How do elite athletes adapt and train to be able to succeed? Focus on the Winter Olympics, the technology that allows Paralympians to compete, inspirational Welsh athletes (e.g. Sports Disability Wales and Cath Pemberton, The Merthyr Mermaid).</p>
<p><b>HUMANITIES</b></p> <p>Learn about the life and work of Charles Darwin and Alfred Russel Wallace. Research the five major types of biomes. Research the Galapagos Islands. Learn about different polar explorers (Shackleton, Scott, Edmunsen and Matthew Henson as an 'unsung' hero) Research the connection between religion and the environment. Explore stewardship, khalifah and the work of religious-based environmental charities such as Greenpeace.</p>	<p><b>EXPRESSIVE ARTS</b></p> <p>Bird Art Project - study a range of different artists such as Mike Godwin, Cathy Miles and Kendra Haste. Look at the work of Henri Rousseau. Sketch animals from observation, focussing on form, composition, dimension and texture. Symmetrical sketching of animals. Creative dance based on the Real PE scheme. Drama based on being on the Galapagos Islands.</p>
<p><u>OTHER INFORMATION</u></p> <p><u>PE DAYS:</u> TUESDAY AND THURSDAY      <u>PPA DAY:</u> TUESDAY AFTERNOON</p> <p><u>HOMEWORK:</u> HOMEWORK WILL BE ALLOCATED EVERY TUESDAY AND WILL NEED TO BE COMPLETED BY THE FOLLOWING MONDAY.</p> <p><u>READING:</u> PLEASE ENCOURAGE YOUR CHILD TO READ EVERY EVENING AND TRY TO LISTEN TO THEM READ ALOUD AS MUCH AS POSSIBLE</p> <p><u>MATHS:</u> PLEASE SUPPORT YOUR CHILD TO LEARN/ REVISE THEIR MULTIPLICATION TABLES</p>	

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