


 <div>Ambitious, capable learners who.....</div> <ul style="list-style-type: none"><li>• Set themselves high standards and enjoy challenges.</li><li>• Question and enjoy problem solving</li><li>• Undertake research</li><li>• Have the skills to connect and apply the skills learned in other contexts.</li><li>• Can explain the concepts and ideas that they are learning about.</li><li>• Can understand how to interpret data and apply mathematical concepts.</li><li>• Use ICT creatively to communicate, interpret and find out information.</li><li>• Can communicate in English and Welsh.</li><li>• Can undertake research and evaluate critically what they find.</li></ul> <div>.....so that they are ready to learn throughout their lives.</div>	 <div>Enterprising, creative Contributors who....</div> <ul style="list-style-type: none"><li>• Take measured risks.</li><li>• Connect and apply their knowledge and skills to create ideas and products.</li><li>• Think creatively to reframe and solve problems.</li><li>• Identify and grasp opportunities.</li><li>• Lead and play different roles in teams effectively and responsibly.</li><li>• Express ideas and emotions through different types of media.</li><li>• Give of their skills and energy so that other people will benefit.</li></ul> <div>....so that they are ready to play a full part in life and work.</div>	 <div>Ethically informed citizens who.....</div> <ul style="list-style-type: none"><li>• Find, evaluate and use evidence in informing views.</li><li>• Engage in contemporary issues based upon their knowledge and values</li><li>• Understand and exercise their human rights and responsibilities.</li><li>• Understand and consider the impact of their actions when making choices.</li><li>• Are knowledgeable about their culture, community, society and the world – now and in the past.</li><li>• Respect the needs and rights of others as a member of a diverse society.</li><li>• Show their commitment to the sustainability of the planet.</li></ul> <div>.....so that they are ready to be citizens of Wales and the World.</div>	 <div>Healthy confident individuals who.....</div> <ul style="list-style-type: none"><li>• Have secure values an establishing their spiritual and ethical beliefs.</li><li>• Are building their mental and emotional well-being by developing confidence, empathy and resilience.</li><li>• Apply knowledge about the impact of diet and exercise on their physical and mental health.</li><li>• Know how to find the information to keep safe and well.</li><li>• Take part in physical activity.</li><li>• Take measured decisions about lifestyle and managing risk.</li><li>• Have the confidence to participate in performance.</li><li>• Form positive relationships based on trust and mutual respect.</li><li>• Face and overcome challenge.</li><li>• Have the skills to manage life independently.</li></ul> <div>.....so that they are ready to lead fulfilling lives as valued members of society.</div>
<div><b>WOW start:</b> Visitor – XL Wales (Helicopter inventions) Visit – Waterfront Museum, Swansea (Robin Goch Monoplane and Richard Trevithick’s locomotive Penydarren Ironworks, in Merthyr Tydfil)</div> <div><b>EXPRESSIVE ARTS</b> (Music, Art, Drama, Dance, Film and Digital Media)</div> <div><b>Art</b> - Look at the work of Llanelli born John Wayne Hopkins – aviation artist - Paint in the style of John Wayne Hopkins - Look at the drawings of Leonardo Da Vinci and his flying machines</div> <div><b>Film and Digital Media</b> Rich Tasks link – Golden Moments and Here’s One I Made Earlier Look at the flight of birds</div>	<div><b>HEALTH AND WELL-BEING</b> (PSE, Learning to Learn, Relationships and Emotions, Healthy Choices, Physical Activity, Keeping Safe)</div> <div>Evolve PSE Lessons/ PE Lessons</div> <div>Internet safety- invention of the web and cyber bullying/ safety</div> <div>Inventions to promote healthy living and well-being- using pedometers/ Smart watches etc. Keeping active project- aiming to complete 5000 steps a day. Chart and monitor progress weekly.</div> <div>Intergenerational Project with XL Wales- links to local nursing home</div>	<div><b>CELEBRATION finish:</b> Celebrate their learning on this topic by imagining they are the inventors of these brilliant inventions. They should choose an invention and try to find out as much as possible about who invented it and why. They can present their findings whichever way they choose.</div> <div><b>SCIENCE and TECHNOLOGY</b></div> <div><i>Rich Tasks</i><ul style="list-style-type: none"><li>• <b><u>-Let’s Go Fly a Kite!</u></b> Design and make a kite to fly in a competition.</li></ul></div> <div><b>Science</b> - Investigate the air around us in a range of experiments demonstrating air resistance and air flow. Write about the experiments using a science report structure. - Watch wildlife videos of animals in flight. Examine the shape of their wings. Design a paper glider using a range of materials. Hold a flight competition. Make bar graphs of the results.</div> <div><b>Technology</b> Design and make a moving helicopter using a lever, wheel, gear or simple cam (XL Wales visit).</div>	
<div><b>MATHS AND NUMERACY</b></div> <div><b>Rich Tasks</b><ul style="list-style-type: none"><li>• <b><u>-Let’s Go Fly a Kite!</u></b> Competition to see how far a kite/ paper aeroplane can fly (length).</li><li>• <b><u>- Sale of the Century</u></b> Create a catalogue of aviation toys (DCF link), calculate new prices during a sale.</li></ul></div> <div><b>Numeracy – Maths No Problem 4A</b></div> <div><b>Chapter 1</b> – Counting in H and 25’s, Counting in ThHTO, Place value, Comparing &amp; Ordering numbers, Number patterns, 8. Counting in 6’s,7’s and 9’s, Rounding numbers, Rounding numbers to estimate <b>Chapter 2</b> – Finding the sum, Adding with and without renaming, Adding using mental strategies, Finding differences, Subtracting with and without renaming, Subtracting using mental strategies, Solving word problems</div>	<div><b>WELSH DIMENSION</b> XL Wales visitor Swansea Waterfront Museum visit – Robin Goch/ Richard Trevithick (Inventor) Fact Files: John Wane Hopkins (Artist)/ Henry and John James (Inventors)/ Bill Frost (Inventor)</div> <div><b>HUMANITIES</b> (History, Geography, RE)</div> <div><b>History</b> Research the history of flight. Create information posters/ timeline.</div> <div><b>Geography</b> Research Henry and John James (The Welsh Wright brothers) and Bill Frost (LLC link). Locate Pembrokeshire on a map.</div> <div><b>R.E. – Come and See</b> Domestic Church- Family: The people of God. Baptism/ Confirmation- Belonging: Called. Advent-Loving: Gifts</div>	<div><b>LANGUAGE, LITERACY AND COMMUNICATION</b> (English, Welsh and International Languages)</div> <div><b>Big Writing Adventures: Mission One:</b> Character Descriptions, Recount: Diary Entry, -Non-Chronological Report, Instruction Writing, Acrostic Poetry. <b>Reading:</b> Weekly Reading Explorer Lessons. <b>Spelling:</b> Spelling Journals daily. <b>Handwriting:</b> Weekly practice of school handwriting scheme reinforced daily.</div> <div><b>Rich Tasks</b><ul style="list-style-type: none"><li>• <b><u>-Golden Moments</u></b> Recount – Film a review of the inventors and pioneers of aviation the Wright Brothers (DCF link).</li><li>• <b><u>Here’s one I made earlier</u></b> Instructions – Creating a step by step video guide of how to make a kite (DCF link).</li><li>• <b><u>Yester-Year</u></b> Non-Chronological Report – Compile class book based on different aspects of flight</li><li>• <b><u>Word of Mouth</u></b> Persuasive Writing (speech) – Bill Frost, the 1<sup>st</sup> man to fly across Pembrokeshire</li></ul></div> <div><b>Welsh: Describing ourselves- Oral presentation</b> Name/ age/ where we live Feelings Likes/ Dislikes- food, sport, dress, subjects <b>Pod Antur- Uned 1</b></div>	

