Pontarddulais Primary School

Everyone is important, everyone is unique and everyone deserve the very best

Year 1/2 Learning Project

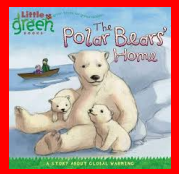


Year 1 and 2 Project:

Project Overview: Sustainability – What is Global Warming? How can we help the polar bears?

During this topic pupils will get the opportunity to explore and investigate the impact humans have on their planet. They will develop their prior knowledge of 'sustainability' by looking into the effects global warming has on the polar bears and ice caps.

Engaging Visits & Experiences: International Polar Bear Day and a Visit to the local community to encourage others to make changes to help the polar bears.

Health and well-being	Language, Literacy and Communication	Mathematics and Numeracy	Humanities	Expressive Arts	Science and Technology
	 				
• New Years Resolutions • Recycling • How to be ethically informed citizens • Decide as a class what is important to us to be sustainable • Human impact **Physical Health** • Effects exercise has on our bodies • Internet safety • NSPCC – PANTS campaign	• Monster Phonics daily sessions and fortnightly homework • KWL- What is global warming? • Use the question hand to generate questions • Tips to reduce global warming • Persuasive posters • Who is David Attenborough? • Watch factual interviews • Plan and take part in a paired interview	**Year 1** • Forming and orientating numbers to 20 correctly • Value of the tens and units digit • Odd and even numbers up to 20 • Recite in 2s, 10s and 5s to 100 • Use different combinations of money to pay for items up to 20p • Find totals and give change from 10p • Repeating patterns, including shape and number, by describing,	• Recognise actions have consequences • To begin to understand the importance human impact has on the world • People who have a positive effect on change • Recognise the impact they can make within their community • Similarities and	**Music** • Music Express scheme • Plan and create a sound scape to images from 'The Polar Bear's Home' **Film and Media** • Still and moving image, editing, sound and digital audio, narrative in film, audience and animation (stop motion)	• What is global warming? • Human impact • Polar bear adaptations and habitats • What are ice caps? • What can humans do to reduce global warming? • Melting and freezing • Sorting materials

	• Polar bear facts • Stop global warming leaflets and signs to display in the community **Welsh** • Birthday's, age, months of the year, numbers to 31 • Birthday data handling • Food names in welsh • Activites in welsh • Beth wyt t'in hoffi? • Dw i'n hoffi… • Dw i ddim yn hoffi… • Beth wwt ti'n hoffi gwneud?	reproducing and extending. • Use the concept of time in terms of their daily and weekly activities and the seasons of the year understand and order the days of the week, the months and seasons of the year • Temperature – reading scales and solving problems **Year 2** • Doubling & Halving • Adding 3 single digit numbers • Use coins to make £1 • Number sequences – 2, 5, 10 • Adding and subtracting 9 • Adding and subtracting 11 • Find the difference by adding on • Adding and subtracting a teen number • Temperature – reading scales and solving problems • Change from 10p & 20p • Adding 2, 2 digit	differences • Changes caused by time • Look at a range of historical sources and artifacts	PE- Invasion Games • Attack • Defend • Shoot	and their uses • Purpose of materials • Materials to keep us warm and cold, insulators and conductors **Design & Technology** • Select appropriate materials • Plan and design • Evaluate and amend **DCF** • Using apps safely • Online safety • Using an app to create a short film • Taking photos accurately • Using a green screen

		number using partitioning • Column addition and subtraction (no carrying over) • Sorting 3D shapes according to their properties			







