



## St Uny CE Academy Medium Term Plan – WINTER



### Frozen Planet



<p><b>English</b></p> <p>Daily guided reading: fiction, non-fiction and poetry/video. Daily spelling rules</p> <p><b>Biography about a famous explorer</b> The children will learn how to –</p> <ul style="list-style-type: none"><li>- distinguish between fact and opinion in order to help them collect appropriate research using a Chrome book.</li><li>- understand the use of third person pronouns.</li><li>- Plan, write and edit a biography about an explorer of their choice.</li></ul> <p><b>Winter themed poetry</b> The children will learn how to –</p> <ul style="list-style-type: none"><li>- use a range of descriptive writing techniques (similes, metaphors, alliteration, personification) to write a free verse piece of poetry.</li></ul> <p><b>Scientific investigation</b> The children will learn how to –</p> <ul style="list-style-type: none"><li>- identify and use active and passive voice to create a formal tone.</li><li>- hypothesise, resource and conclude a scientific investigation related to forces.</li></ul> <p><b>Non-chronological report</b> The children will learn how to –</p> <ul style="list-style-type: none"><li>- lay out a formal report using sub-headings, bullet points etc.</li><li>- use technical vocabulary related to their topic.</li><li>- review their skills with formality/informality.</li></ul>	<p><b>Maths</b></p> <p>Daily 4 operations questions and reviews. Daily times tables fluency.</p> <p><b>Place Value</b> The children will learn how to –</p> <ul style="list-style-type: none"><li>- round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000.</li></ul> <p><b>Addition and Subtraction</b> The children will learn how to –</p> <ul style="list-style-type: none"><li>- add and subtract numbers mentally with increasingly large numbers.</li><li>- add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).</li><li>- use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.</li><li>- solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.</li><li>- multiply and divide numbers mentally drawing upon known facts.</li><li>- multiply and divide whole numbers by 10, 100 and 1000.</li></ul>	<p><b>Science</b></p> <p><b>Forces</b> The children will learn how to –</p> <ul style="list-style-type: none"><li>- explain that unsupported objects fall towards the Earth because of the force of gravity acting between the Earth and the falling object.</li><li>- plan an investigation to identify the effects of air resistance, water resistance and friction, that act between moving surfaces.</li><li>- recognise that some mechanisms, including levers, pulleys and gears, allow a smaller force to have a greater effect.</li></ul> <p><b>Animal and human life cycles</b> The children will learn how to –</p> <ul style="list-style-type: none"><li>- describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.</li><li>- describe the life process of reproduction in some plants and animals.</li><li>- describe the changes as humans develop to old age.</li></ul>	<p><b>RE</b></p> <p>Daily collective worship and classroom worship.</p> <p><b>Hinduism</b> The children will learn that –</p> <ul style="list-style-type: none"><li>- God is worshipped in diverse forms and/or is believed to be formless.</li><li>- There is an endless cycle of creation, preservation and destruction.</li><li>- Hindus celebrate the festival of Diwali.</li></ul> <p><b>Christmas</b> The children will learn how to –</p> <ul style="list-style-type: none"><li>- suggest what the story of Christmas might mean to a Christian today.</li><li>- make a link between the birth of Jesus and the Christian belief in Jesus as the Son of God.</li><li>- show that they can understand two different points of view about the birth of Jesus.</li></ul> <p><b>Christianity</b> Cornwall as a place of spirituality – St Ives Feast Day The children will learn how to –</p> <ul style="list-style-type: none"><li>- explain the place of Incarnation and the Messiah within the 'big story' of the Bible.</li><li>- make connections between biblical texts using theological terms.</li><li>- explain what the Jewish people were expecting in a messiah.</li><li>- explain how Christmas is a time of celebration for the arrival of the Messiah.</li></ul>
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<p><b><u>Geography</u></b></p> <p><b>Locational knowledge</b> The children will –</p> <ul style="list-style-type: none"> <li>- use Chrome books to research the geographical features of the polar regions.</li> <li>- locate the world’s countries and cities, identifying the significance of latitude, longitude, the Equator, Northern/Southern hemispheres etc by using maps, atlases and globes.</li> </ul> <p><b>Human and physical geography</b> The children will –</p> <ul style="list-style-type: none"> <li>- investigate mountains and the water cycle.</li> </ul>	<p><b><u>History</u></b></p> <p>The children will –</p> <ul style="list-style-type: none"> <li>- research historically significant polar explorers.</li> <li>- Understand the timeline of explorers to the North and South poles.</li> </ul>	<p><b><u>Art and Design</u></b></p> <p>Art will be delivered by Mrs Stevens. The children will learn how to –</p> <ul style="list-style-type: none"> <li>- create sketch books to record their observations and use them to review and revisit ideas.</li> <li>- improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay]</li> <li>- research great artists, architects and designers in history.</li> </ul>	<p><b><u>Design and Technology</u></b></p> <p>The children will learn how to –</p> <ul style="list-style-type: none"> <li>- research, plan, develop and evaluate a 3D sleigh to be used in a scientific investigation of friction.</li> </ul>
<p><b><u>Music</u></b></p> <p>The children will –</p> <ul style="list-style-type: none"> <li>- perform in solo and ensemble contexts, with increasing accuracy, fluency, control and expression using their voices – Christmas Concert/Service.</li> <li>- Improvise and compose music for a range of purposes using the inter-related dimensions of music – Winter sounds.</li> </ul>	<p><b><u>Computing</u></b></p> <p><b>Coding</b> The children will –</p> <ul style="list-style-type: none"> <li>- use sequence, selection, and repetition in programs.</li> <li>- work with variables and various forms of input and output.</li> </ul> <p><b>Internet Safety</b> The children will -</p> <ul style="list-style-type: none"> <li>- use technology safely, respectfully and responsibly and recognise acceptable/unacceptable behaviour.</li> <li>- identify a range of ways to report concerns about content and contact (internet safety day).</li> </ul>	<p><b><u>PE</u></b></p> <p><b>Swimming</b> The children will -</p> <ul style="list-style-type: none"> <li>- swim competently, confidently and proficiently over a distance of at least 25 metres</li> <li>- use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]</li> <li>- perform safe self-rescue in different water-based situations</li> </ul>	<p><b><u>SMSC/British Values</u></b></p> <p><b>Internet safety day</b> The children will learn how to –</p> <ul style="list-style-type: none"> <li>- identify a range of ways to report concerns about content and contact.</li> </ul> <p><b>Anti-bullying week</b> The children will learn to how to -</p> <ul style="list-style-type: none"> <li>- consider how their behaviour affects people on the inside.</li> <li>- make amends if they have hurt someone.</li> <li>- discuss their feelings and think about situations that may lead them to feel like this.</li> </ul>
<p><b><u>Outdoors</u></b></p> <p>Windy, wintery day – children to get outside and experience wintery weather while learning about music and art.</p>	<p><b><u>Community involvement</u></b></p> <p>Involvement with the Devon and Cornwall Polar Society (TBC)</p>	<p><b><u>Trip</u></b></p> <p>Involvement with the Devon and Cornwall Polar Society (TBC) Involvement with the British Antarctic Society for Antarctica week Falmouth Maritime Museum (TBC)</p>	<p><b><u>Visitors</u></b></p> <p>Involvement with the British Antarctic Society for Antarctica week Involvement with the Devon and Cornwall Polar Society (TBC) MP – Derek Thomas</p>