

# ENDURANCE CLASS PLAN

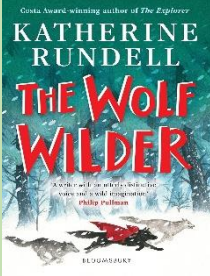

## SPRING TERM: FROZEN KINGDOMS



### **YEAR 6 SPRING TERM:**

*In this project, your child will learn about:*

- The regions of the Arctic and Antarctic - similarities and differences between these two regions, including the climate, landscape and natural resources.
- How to use grid references, lines of latitude and longitude, contour lines and symbols to identify the geographical locations of the Arctic and Antarctic, and how these, along with the tilt of the Earth, affect day length and warmth.
- How to investigate polar oceans to learn how they differ from other oceans on Earth and how climate change increases Earth's temperature and leads to rising sea levels.
- The indigenous people of the Arctic, including how their lives have changed over time, and about the positives and negatives of tourism in Antarctica.
- Classifying animals, animal adaptations and evolution, and polar exploration and discovery.

English		Maths	
<p>Reading texts: <i>Katherine Rundell: The Wolf Wilder</i> and <i>Vashti Hardy: Brightstorm</i></p> <p>Writing: Non-chronological reports; Haiku poetry; Newspaper reports; Adventure narratives</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div>		<p>Power Maths</p> <p>Percentages</p> <p>Algebra</p> <p>Decimals</p> <p>Measure</p> <p>Ratio and Proportion</p>	
Science		RE	
<p><b><u>Electrical Circuits and Components</u></b></p> <p>This project teaches children about electrical circuits, their components and how they function. They recognise how the voltage of cells affects the output of a circuit and record circuits using standard symbols.</p> <p>It also teaches children about programmable devices, sensors and monitoring. Series circuits; Circuit components; Recognised circuit symbols; Investigating circuit components; Electric current; Voltage.</p> <p>Researching cells and batteries; Investigating voltage changes; Working scientifically – Identifying and classifying,</p> <p>Pattern seeking, Comparative test, Research as well to combine their learning to design and make programmable home devices.</p>		<p><b>CHRISITANITY</b></p> <p>How do Christians decide how to live?</p> <p>What do Christians believe Jesus did to save people</p>	
History	Geography	Design Technology	PHSE
<ul style="list-style-type: none"> <li>• Polar exploration</li> <li>• Significant people – Robert Falcon Scott / Ernest Shackleton</li> <li>• Significant events – Titanic</li> </ul>	<ul style="list-style-type: none"> <li>• Arctic and Antarctic regions</li> <li>• Lines of latitude and longitude</li> <li>• Polar Climates and Climate change</li> <li>• Polar day and night</li> <li>• Polar oceans</li> <li>• Polar landscapes and Natural resources</li> <li>• Indigenous people</li> <li>• Tourism</li> </ul>	<ul style="list-style-type: none"> <li>• Electrical Circuits and Components- Sensors and monitoring</li> <li>• Designing and making home devices</li> <li>• Incorporating programming and circuits in products.</li> <li>• Engineering – Significant engineers and bridges/ Features of bridges</li> <li>• Strengthening techniques</li> <li>• Iterative design; Building prototypes</li> </ul>	<p><b>Health and Wellbeing</b></p> <p><b>Safety and our bodies</b></p>

Art and Design	Music	PE	Mfl	Computing
<p><b><u>Inuit</u></b>  This project teaches children about the Inuit way of life, including some of their cultural and artistic traditions. Involves Printmaking and Carving</p> <p><b><u>Environmental Artists</u></b>  This project teaches children about the genre of environmental art. They study how artists create artwork that addresses social and political issues related to the natural and urban environment. Children work collaboratively to create artwork with an environmental message. Involves using recycled materials and repurposed materials for developing art pieces.</p>	<p><b>Charanga</b></p> <p><b>Benjamin Britten - New Year Carol You've got a friend in me</b></p>	<p><b>Ball and game tactics</b></p> <p><b>Tennis</b></p> <p><b>Badminton</b></p> <p><b>Basketball</b></p> <p><b>Netball</b></p>	<p><b>Spanish – Recap of weather and basic language associated with pets and animals</b></p>	<p><b>Computing Systems and Networks</b>  Big Data</p> <p><b>Ongoing online Safety</b></p>