

<b>Title: Observing the Weather from the Ocean – Buoy oh Buoy Weather Observations</b>		
<b>Date:</b>	<b>Class Level: 5<sup>th</sup> – 6<sup>th</sup> Class</b>	<b>Subject: Geography</b>
<b>Strand: Weather, Climate &amp; Atmosphere</b>	<b>Strand Unit: Weather observations</b>	
<b>Objective:</b> The aim of the lesson plan is for the children to learn about weather observations and the influence the ocean has on our weather. The children will learn about the weather buoys used to help monitor the weather in Ireland.		
<b>Developing Skills:</b> • Geography Investigative skills including: • Questioning • Observing • Recording and communicating • Evaluating		
<b>Introduction / Discussion:</b> Discussion: Discuss with the children how we observe weather. Discuss the type of equipment that we use to help monitor the weather in Ireland Find out: What do they know, What do they want to know, What have they learned about the weather and weather observations		
<b>Discussion using drawings, pictures and ICT:</b> <b>Investigative &amp; Creative Approach:</b> The <b>IRISH WEATHER BUOY NETWORK</b> has five weather buoys located around Ireland named: M2, M3, M4, M5, M6. They are used to help provide weather <b>FORECASTS</b> as well as <b>SAFETY</b> information for those that work at sea. Using the web, get the children to investigate the interesting facts about the Irish weather buoy network by completing the Buoy oh Buoy Weather Observations worksheets. The worksheets include: <b><u>WORKSHEET: Buoy oh Buoy - Monitoring our Weather from the Ocean</u></b> <ul style="list-style-type: none"> <li>○ Watch the footage about the Irish Data Buoy Network Investigate fun facts about the Irish Weather buoy network (the footage is approx. 4 min long). <a href="https://www.youtube.com/watch?v=9A7MLZ6yQW4">https://www.youtube.com/watch?v=9A7MLZ6yQW4</a></li> </ul> <b><u>ACTIVITY AND WORKSHEET: Buoy oh Buoy - We all want know about the weather - collage template</u></b> <ul style="list-style-type: none"> <li>○ Create a collage of the people who use data collected from the Irish weather buoys.</li> </ul>		
<b>Talk and Discussion:</b> <ul style="list-style-type: none"> <li>• Discuss with the children the activities they enjoyed. Take photos of the artwork and share with friends on social media. Create additional games and a quiz for to test the family on their knowledge about the Irish data buoy network and observing weather from the ocean.</li> <li>• Don't forget to tag #Explorers Education Programme</li> </ul>		
<b>Resources:</b> Globe / World Map (print or online) • Online access to investigate the local weather etc • Worksheet and Activity sheets • Small pieces of card, glue, A4 sheets of copy paper / art materials including recycled material etc • Useful websites: Irish Data Buoy Network <a href="https://www.youtube.com/watch?v=9A7MLZ6yQW4">https://www.youtube.com/watch?v=9A7MLZ6yQW4</a> Met Éireann <a href="https://www.met.ie/">https://www.met.ie/</a>		
<b>Assessment:</b> Children: KWL chart (What I know, What I want to know, What I learned) • Observation and questioning: Mind Mapping – colour code what children know / new concepts • Examine learning outcomes before and after e.g. knowledge, understanding, skills • Evaluation: Reflect on learning experiences that lead to the outcomes e.g. attitudes, enjoyment, as well as motivation to learn about the subject.		
<b>Linkage and Integration:</b> Visual Arts – creative drawing creating awareness of line, shape, form; colour, introduce textiles / recycled items to develop texture • Geography – Weather and Climate • Science – Materials and Change • English – writing stories / poems.		