This project has a design and technology focus and teaches children about the properties of different materials, a range of mechanisms and forces, and aspects of water and coastal safety. At the heart of this project children will learn how to write narrative stories and additional skills in recording scientific tests and enquiries. In the Innovate Stage children apply their skills and understanding by designing and making their own lifeboats to rescue cargo from Captain Buttons’ sinking ship.

In this project the children will:
- Have a visit from the RLNI and will learn about water safety;
- Experience a visit from a ship’s captain where the children will be practising their questioning skills;
- Learn about the Welsh coastline including geographical features;
- Keep and feed small mini beasts in glass tanks, e.g. cliff, bay, docks etc;
- Muse their thinking skills to help Mrs. Grindling get Mr. Grindling his lunch;
- Enjoy dressing up and pretending to be pirates, where they will be learning to help the pirates count their treasure!