

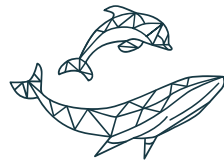
HWDT Scanning Our Seas (S) – Curriculum Links

CURRICULUM FOR EXCELLENCE - MATHS

	OUTCOMES	SESSION LINKS
DATA AND ANALYSIS	<p>Devise ways of collecting data in most suitable way for task.</p> <p>Analyses, interprets and draws conclusion from data.</p> <p>Draws conclusions about the reliability of data, taking into account the author, audience, scale and sample size. (MNU 2-20a)</p> <p>Carry out investigations and surveys using various methods. Work with others to collate, organise and communicate results appropriately. (MNU 2-20b)</p>	<p>Discussion in Intro session.</p> <p>Decide how to scan and record data on headland.</p> <p>Interpretation of community sightings data in class.</p> <p>Both on the headland (collecting data on birds, boats, cetaceans and environment). Sharing tips between groups.</p> <p>Analysis session in class, communicating results.</p>

CURRICULUM FOR EXCELLENCE - SCIENCE

	OUTCOMES	SESSION LINKS
INQUIRY AND INVESTIGATIVE SKILLS	<p>Analyses, interprets and evaluates scientific findings.</p> <p>Links to predictions</p> <p>Relates to wider world</p> <p>Draws basic conclusions, consistent with findings.</p> <p>Recognises anomalous results and suggests possible sources of error.</p> <p>Ways of improving investigation.</p> <p>Reliability of evidence (3rd level)</p>	<p>Looking at community sightings maps.</p> <p>Drawing basic conclusions.</p> <p>Identifying anomalies and their source.</p>



BIODIVERSITY AND INTERDEPENDENCE	Collects and analyses increasingly complex data and info. Temperature, light etc. Suggests reasons for the distribution of organisms within different habitats. (SCN 3-01a)	Analysis of species distribution maps, comparing to marine charts. Considering depth and tide relating to cetacean presence.
TOPICAL SCIENCE	Demonstrates understanding of bias and separates fact from opinion, taking into account a range of reasons for bias. (SCN 3-20b)	Strengths and weaknesses of community sightings data. Importance of scientific records vs anecdotes.

CURRICULUM FOR EXCELLENCE – SOCIAL STUDIES

	OUTCOMES	SESSION LINKS
ENVIRONMENTAL IMPACT OF HUMAN ACTIVITY	Identifies at least three impacts of human activity on the environment Suggests at least three ways in which people can live in a more environmentally friendly way. (SOC 2-08a)	Global warming and sea temperature rise. Pollution / PCBs Plastic – deep water species.
PEOPLE, PLACE, ENVIRONMENT	Provides a simple explanation of at least 3 links between climate, physical features and living things in the environment. (SOC 3-08a)	Common dolphins Change in distribution Sea temperature rise