



Activity: Endless Ocean – Using Games in the Classroom

Pupil Learning Objectives

- To develop knowledge and understanding of the world we live in
- To encourage and promote creative thinking
- To investigate, explore learning outcomes which this technology will support
- To use technology to enable successful learning
- To make learning fun, active and challenging

Action:	Timings:	Resources:
<p>Introduction:</p> <ul style="list-style-type: none"> • Endless Ocean – set up game and look at how to ‘dive’ • Introduce other activities <p>A number of ‘Learning Islands’ will be set up around the room and pupils will move around these as appropriate</p>	<p>9.45 - 10.15</p>	<ul style="list-style-type: none"> • Saved games for Endless Ocean with boat at specific sites • Clear instructions as where to dive and what they need to find out <p>Nintendo Wii X 2 Remote + Nunchuks X 4</p>

<ul style="list-style-type: none"> • Nintendo Wii Diving Island x 2 (Group of 4/5 pupils splits into two smaller groups to use these) • Research Island • Data Island • News Island • Presentation Island • Photography Island <p>Diving Island X 2 (CLC Trainer Support Teacher support)</p> <p>In pairs, children will dive and make notes about what they encounter and keep a tally of species they find.</p> <p>Research Island (Independent)</p> <p>In pairs children will use specific web sites added to bookmarks folder to answer questions about the topic and write up answers in MS Word – using a different colour for their answers to the question text.</p> <p>Data Island (Independent)</p> <p><i>Primary Framework for Mathematics: Handling Data</i></p> <p><i>Solve problems by collecting, selecting, processing, presenting and interpreting data, using ICT where appropriate; draw conclusions and identify further questions to ask</i></p>	<p>Each activity rotated every 45 mins</p>	<p>Endless Ocean X 2 Tally Charts</p> <p>Laptops with Internet Access X 3 Web Sites added to bookmark s Question document in MS Word</p> <p>Spreadsheets in Excel Completed tally sheets handed from Diving Team (first group use teacher data)</p> <p>Script templates Video Camera + Blue Screen X 1 Macbook with iMovie to edit on Endless Ocean Backdrop plus Title and Credits pre-prepared</p> <p>Digital Still Cameras X 4</p>
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Children will complete spreadsheets and produce a graph of their choice to represent the number of different species. They will calculate the sum of each species and the average of each species found at each location.

News Island (CLC Trainer / Teacher Support)

Children will complete template scripts for a simple news report of the dives. Children will compile a short news report against a blue screen (with Endless Ocean backdrop behind) through video.

Presentation Island (Independent)

Children will create a Power Point presentation with details about 5 different species of fish encountered in the ocean.

Photography Island (Teacher Support)

Children will act as reporters and take photographs of the days events.

Plenary

Watch some of the films, view photos and see presentations. Discuss what they learnt.