

# UNIT OVERVIEW

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| <b>Teacher/Class:</b>   | <b>Date:</b>  |
| <b>Unit Title: Fishing For The Future</b><br><b>Focus: Marine Life and its conservation</b>   | <b>Learning Areas: Science/Social Studies/Literacy</b>  |
| <b>Learning Intentions:</b><br><b># Transactional Writing:</b><br># Is able to write a factual account about an endangered species, express a personal viewpoint and organise and link ideas logically.<br><b># Processes</b><br># Is able to gather, record and present structured information using different technologies (Transactional Writing)<br><br>Success Criteria<br>Students will be able to:<br># write a report using an introduction, body and conclusion<br># use some paragraphing to explain reasons with supporting information<br># sequence ideas logically.   |   |
| <b>Key Competencies linked to:</b><br><b>Communication skills</b> personal expression<br><b>Social and co-operative skills</b> group feedback<br><b>Problem-solving skills</b> plan, experiment, explore(inquiry)<br><b>Self-management and competitive skills</b> set goals, persevere   | <b>Learning Styles/Modalities Addressed:</b><br><b># Linguistic</b><br><b>Thinking Tools:</b><br><b># Graphic Organisers</b><br><b># Inquiry based learning</b> |
| <b>Teaching and Learning Context:</b><br>The aim of this unit is for the students to develop information research study skills through a variety of reading approaches, gathering and ordering information, action planning, question setting, resource selection, skim-reading, note taking, summarising, and use of electronic resources, eg. Web sites to enable students to use information to write a report.<br>* Discuss and brainstorm in small groups: Inquiry Based Quest<br>o What do we know about marine life and conservation?<br>o What do we want to find out?<br>o How can we find out about?<br>o Where will we look to find answers to our questions?<br>o How can we record our findings? |   |
| <b>Teaching and Learning Sequence:</b><br># Reading<br>Shared, guided, reciprocal and independent reading will be ongoing throughout this unit. Resources will include: school journals, National Library books, videos, Web sites, including webquests and information from local experts.<br># Using inquiry model students will identify their focus, formalise the questions to focus their inquiry.<br># Students will:<br>1. Brainstorm<br>2. Map ideas<br>3. Explore key words, key concepts, key questions<br>4. Use relevant sources and resources<br>5. Select and reject information<br>6. Draft<br>7. Edit, proof-read<br>8. Present outcomes   |   |
| <b>ICT Component:</b> Presentation tools - Powerpoint/Keynote, Pages, Word, Imovie/Moviemaker<br>Worldwide Web  |   |
| <b>Assessment Activity:</b><br>Using multimedia presentation students will write reports using appropriate language features.   | <b>Assessment Criteria:</b> assessment rubric developed with students   |

### **Ideas for Topics/Themes for Inquiry Quest to be based on:**

- **Marine Life**
- **Conservation of our fisheries**
- **Impact of commercial fisheries**
- **Marine Reserves**
- **Maori Protocols linked to marine life and conservation**
- **Impact of leisure time fishing**
- **What conservation organisations are doing**
- **Damage created by environmental waste**
- **Famous Marine conservationists/scientists**
- **Career pathways linked to topic**
- **Explore and investigation a solution to a key issue**

### **Supporting Websites:**

<http://www.nzbgfc.org.nz>

<http://www.guardians.org.nz/>

<http://www.abc.net.au/oceans/alive.htm>

<http://marinebio.org/MarineBio/MindGames>

[http://www.kellytarltons.co.nz/home/page.aspx?page\\_id=120&site\\_id=1](http://www.kellytarltons.co.nz/home/page.aspx?page_id=120&site_id=1)

[http://www.tki.org.nz/r/hot\\_topics/oceans\\_e.php](http://www.tki.org.nz/r/hot_topics/oceans_e.php)

<http://www.westmarine.org.nz/newonsite.aspx>

<http://www.library.auckland.ac.nz/subjects/marine/marmeta.htm>

<http://www.fish.govt.nz/en-nz/Starfish/default.htm>

<http://www.teara.govt.nz/EarthSeaAndSky/SeaLife/DeepSeaCreatures/4/en>

<http://www.nzs.com/recreation/fishing/>

<http://fishnkids.dpi.nsw.govt.au/>



