

UNIT OVERVIEW

Teacher/Class:	Date:
Unit Title: Fishing For The Future Focus: Career pathways - linked to Fishing Industry	Learning Area: Science
Learning Intentions: # Transactional Writing: # Is able to write a factual account about careers via inquiry based research which informs, organises and links ideas logically. # Processes # Is able to gather, record and present structured information using different technologies. Success Criteria Students will be able to: # write a report using an introduction, body and conclusion # use ordering of information to explain reasons with supporting evidence # sequence ideas logically. # present this report using an e-learning tool	
Key Competencies linked to: Communication skills personal expression Social and co-operative skills audience skills, group feedback Problem-solving skills plan, experiment, explore(inquiry) Self-management and competitive skills set goals, persevere	Learning Styles/Modalities Addressed: # Linguistic Thinking Tools: # Graphic Organisers # Inquiry based learning
Teaching and Learning Context: 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. * Discuss and brainstorm in small groups: Inquiry Based Quest o What do we know about careers linked to fishing industry? o What do we want to find out? o How can we find out about? o Where will we look to find answers to our questions? o How can we record our findings?	
Teaching and Learning Sequence: # Reading and Researching 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. # Using inquiry model students will identify their focus, formalise the questions to focus their inquiry. # Students will: 1. Brainstorm 2. Map ideas 3. Explore key words, key concepts, key questions 4. Use relevant sources and resources 5. Select and reject information 6. Draft 7. Edit, proof-read 8. Present outcomes As result of this inquiry students will also investigate the skills and qualifications required to work in the selected field as well as the training providers available.	
ICT Component: Presentation tools - Powerpoint/Keynote, Pages, Word, Imovie/Moviemaker Worldwide Web	
Assessment Activity: Using multimedia presentation students will write reports using appropriate language features. This unit will be followed by a unit which looks at careers which will result in each student completing their own c.v.	Assessment Criteria: assessment rubric developed with students

Following the class brainstorm of all the career opportunities that are linked to fishing students will engage in an inquiry learning quest.

Here are some ideas of commercial enterprises in which careers can be found in:

- Commercial Fishing Industry
- Boat building - design and manufacture
- Electronic Equipment - marine radios, sounders etc
- Engines/Motors
- Manufactures of equipment eg Boat Trailers, anchors, game chairs etc
- Sales and Marketing
- Design and Manufactures of fishing gear - eg rods, reels, tackle, nets etc
- Tourism - fishing guides, fishing charters
- Media - journalists, photographers, film producers, documentary presenters,
- Hospitality - fishing lodges, chefs,
- Scientific Fields - marine biologist, conservationist,
- Government Departments - water safety, MAF fisheries inspector

Supporting Websites:

<http://www.nzbgfc.org.nz>
<http://www.nzmarine.com/About+Us/Marine+Industry+Association.html>
<http://www.nzmarine.com/>
<http://www.kilwell.co.nz/>
<http://www.black-magic-tackle.co.nz/>
<http://www.careers.govt.nz/default.aspx?id0=70104&id1=B1D821B1-C1F0-48EA-BE19-3B924B04E261>
<http://www.marinenz.org.nz/>
<http://www.careers.govt.nz/default.aspx?id0=505&id1=BP3188&id3=6003>
<http://www.sbs.auckland.ac.nz/uoa/science/>
<http://marine.boppoly.ac.nz/go/alumni>
<http://www.yamaha-motor.co.nz/marine/index.htm?marine.asp>
<http://www.hutchwilco.co.nz/>
http://www.firmansmarine.co.nz/index.php?main_page=index&cPath=23_47
<http://www.dmwtrailers.co.nz/>
<http://www.enl.co.nz/>

