

HIGHLANDS INTERMEDIATE - SCIENCE BADGE - CONSERVATION

<p>CONSERVATION</p> <p>You will need to complete 15  to complete this badge Think carefully about presentation and the quality of what you are producing</p>	<p> 16 Map the distribution of some native plants in your area.</p>
<p> 1. In a few sentences describe what conservation means to you; ask 6 other people for their ideas; record similarities and differences on a wall chart. Put the Department of Conservation definition at the end of your chart.</p>	<p> 17 Construct and then use a questionnaire to find out what 12 people think about a local conservation issue.</p>
<p> 2 Compose one song or poem with a conservation message.</p>	<p> 18 Use the information gathered from your questionnaire (see No.17) to construct a database.</p>
<p> 3 Make a flowchart to show what can be done to look after whales that are stranded on the beach.</p>	<p> 19 Interview a person from a different cultural background about their views on conservation. List the main points they make.</p>
<p> 4 Choose a conservation issue where people have different viewpoints. With a friend, role-play a discussion that shows these opposing views.</p>	<p> 20 Collect six traditional proverbs which link conservation with everyday life.</p>
<p> 5 Find a small creature that lives in the bush or stream or on the seashore. Make an accurate drawing of it on the spot then let it go. Describe where it lives.</p>	<p> 21 New Zealand was the first country in the Southern Hemisphere to establish National Parks. Make a detailed timetable of the history of New Zealand National Parks.</p>

 <p>6 Find out what you can about a local park or reserve. Arrange to meet with someone who works there and ask them what tasks they have to carry out there. Report your findings.</p>	 <p>22 Make a list of ways that water is used and abused in your area.</p>
 <p>7 Find out and show, on a map of your local district, places where plants have been planted for such reasons as controlling erosion, providing shelter, beautifying an areas or providing habitat for wildlife.</p>	 <p>23 List several reasons for having a “closed season”. Name 3 species that are protected by a closed season.</p>
 <p>8 Construct a device that makes use of an alternative source of energy. Ensure that this device reduces the environmental impact and/or makes efficient use of energy.</p>	 <p>24 Describe some of the ways in which natural resources in your local area were conserved last century.</p>
 <p>9 Grow a native plant from seed, and care for that plant for at least 4 weeks.</p>	 <p>25 Some animals and plants in New Zealand are referred to as ‘self-introduced’. Select one self-introduced species of bird. Over a 4 week period keep a photographic or written record of its activities.</p>
 <p>10 Imagine you were going to set up your own conservation organisation. State your aims (this can be based on an existing organisation).</p>	 <p>26 Construct a display that you can share with other people on a local aspect of conservation.</p>
 <p>10 Imagine you were going to set up your own conservation organisation. State your aims (this can be based on an existing organisation).</p>	 <p>27 Investigate and record some traditional ways to preserving food that have been used in New Zealand.</p>

 <p>11 Take someone for a walk on a public walking track. Make and follow a safety checklist.</p>	 <p>28 Visit a local beach or riverbank with your family. Survey a 500 metre stretch of the shore or bank. Make a table of data of examples of pollution or damage.</p>
 <p>12 Identify 5 trees or plants growing in your local area which you consider worthy of preservation. Prepare a case which supports your argument.</p>	 <p>29 Make a map of a nature or urban trail in your area.</p>  <p>30 During a 3 week period collect newspaper or magazine cuttings or photocopies which show varying opinions about one conservation issue.</p>
 <p>13 Make a wall chart showing how to reduce damage to the bush when tramping and camping.</p>	 <p>31 Show on a map of New Zealand all our National Parks. Rank the parks in order of its size from largest to smallest.</p>
 <p>14 Draw or photograph 5 parts of identified native plants within your district.</p>	 <p>32 Some of New Zealand's native plants and animals are endangered. Select one endangered plant and one endangered animal. List the ways in which each can have its chance of survival improved.</p>
 <p>15 Participating in a group taking part in a conversation activity. Record the major aim of that activity.</p>	 <p>33 Interview a person who enjoys catching some type of freshwater fish. List the rules they have to observe and the methods they use to catch the fish.</p>