

Te Paepae o Aotea Science Badge

CONSERVATION			
<i>Complete 20 stars</i>			
Rating	No	Activities	Sign
***	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 you chart.	
*	2	Compose one song or poem with a conservation message.	
*	3	Make a flow chart to show what can be done to look after whales that are stranded on the beach.	
**	4	Choose a conservation issue where people have different viewpoints. With a friend, role play a discussion that shows these opposing views.	
**	5	Find a small creature that lives in the bush or a stream or on the sea shore. Make an accurate drawing of it on the spot then let it go. Describe where it lives.	
***	6	Find out what you can about a local park reserve. Arrange to meet with someone who works there and ask them what tasks they have to carry out there. Report your findings.	
**	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 area or providing habitat for wild life.	
***	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.	
**	9	Grow a native plant from seed, and care for that plant for at least 4 weeks.	
*	10	Imagine you were going to set up your own conservation organisation. State your aims (this can be based on an existing organisation).	
***	11	Take someone for a walk on a public walking	

		track. Make and follow a safety checklist.	
*	12	Identify 5 trees or plants growing in your local area which you consider worthy of preservation. Prepare a case which supports your argument.	
*	13	Make a wall chart showing how to reduce damage to the bush when tramping and camping.	
**	14	Draw or photograph 5 parts of identified native plants within your district.	
**	15	Participate in a group taking part in a conservation activity. Record the major aim of that activity.	
*	16	Map the distribution of some native plants in your area.	
*	17	Construct and then use a questionnaire to find out what 12 people think about a local conservation issue.	
**	18	Use the information gathered from your questionnaire (see No 17) to construct a database.	
*	19	Interview a person from a different cultural background about their views on conservation. List the main points the make.	
*	20	Collect 6 traditional proverbs which link conservation with everyday life.	
*	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.	
*	22	Make a list of ways that water is used and absurd in your area.	
*	23	List several reasons for having a "closed seasons." Name 3 species that are protected by a closed season.	
*	24	Describe some of the ways in which natural resources in your local area were conserved last century.	
***	25	Some animals and plants in New Zealand are	

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		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.	
**	26	Construct a display that you can share with other people on a local aspect of conservation.	
**	27	Investigate and record some traditional ways of preserving food that have been used in New Zealand.	
**	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.	
*	29	Make a map of a nature or urban trail in your area.	
**	30	During a 3 week period collect newspaper or magazine cuttings or photocopies which show varying opinion about one conservation issue.	
*	31	Show on a map of New Zealand all out National Parks. Rank the parks in order of size from largest to smallest.	
**	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.	
**	33	Interview a person who enjoys catching some type of freshwater fish. List the rules they have to observe & the methods they use to catch the fish.	