

Te Paepae o Aotea Science Badge

ZOOLOGY			
<i>Complete 20 stars</i>			
Rating	No	Exercises in Zoology	Sign
**	1	Find out about the life cycle of a local fish species, e.g. whitebait, trout, eels and show the information as a poster	
*	2	Write an illustrated article about three extinct animals	
*	3	Find the complete skeleton of a small animal. Identify it and mount it on a board	
***	4	Set up a wormery, ant colony or fly hatchery. Report on how the animals behave during the first week in their new home	
**	5	Read about 5 different types of fish, make notes or drawings and then give a 2 minute talk to a group	
**	6	Make a mobile showing the insects and other small animals that live in your garden	
*	7	Make a poster to promote the conservation of rare animals approaching extinction	
***	8	Make a video about spiders. Show the different types of web or a spider spinning its web	
**	9	Use plaster of paris to make plaster casts of footprints of 3 different birds. Identify each kind of bird, e.g. wader	
***	10	Count the numbers and types of animals on a lake shore or stream bank over an hour or more. Present your findings as a table. Try to explain any pattern you find	
***	11	Find out which plants in your garden are most infected with aphids and on which parts of the plant aphids mostly live. You will need to count them. Present as a chart or bar graph	
**	12	Grow a tadpole to a frog. Draw the stages it goes through and describe how its diet changes	
**	13	Train an animal to perform a simple task. Keep a record of what you did and why. Describe	

		how the animal responded. Only use positive training methods such as food or praise	
*	14	Describe an interesting experiment involving animals that you have read about or seen on T.V. Your report must be clear and easy to understand	
**	15	Keep a record of which birds do and do not feed on food scraps such as bread in the garden. Keep a note of the numbers of each species and show as a table or graph	
***		Find three plants that have leaf miners in their leaves (seen as tiny wavy lines or patches). Draw the patterns made by the miners in each type of leaf	
**	17	Find where slugs and snails live in gardens. Describe the conditions where they live	
**	18	Look up in a reference book how snails reproduce. Find out about their love darts. Make a poster to explain what happens	
**	19	How do millipedes differ from centipedes? Make an illustrated report that includes the differences in diet and physical structure	
***	20	Write an illustrated, fictional story for young children about a “creepy-crawly” which includes a few facts about the animal. Give it a title, such as “The day that the millipede got his legs tangled”	
***	21	Observe a living colony of woodlice. Estimate the number of animals present. Record differences in size and colour. Report on their habitat (surroundings) and their behaviour	
**	22	Find a spider’s web. Make small cuts in different places. Watch to see if the damage is repaired, and how and when. Make sketches to show what happened.	