

Te Paepae o Aotea Science Badge

ENTOMOLOGY			
<i>Complete 20 stars</i>			
Rating	No	Exercises in Entomology	Sign
**	1	Make a small labelled model of a common insect	
**	2	Take close up photos of 5 insects and name them	
***	3	Make and trial a humane insect collecting trap	
***	4	Keep a diary of an insect's life cycle. Draw the stages of the insect's life and explain what happens at each stage	
*	5	Write a poem about insects suitable for publication in a magazine or newspaper	
**	6	Sketch from actual observation 5 insects and label the key parts or features	
**	7	Make a poster suitable for your classroom that promotes insects	
**	8	Take notes on a film or video that you have seen about insects and write up a report suitable for a class magazine	
**	9	Write a short article describing a personal experience involving insects	
**	10	Imagine you are a reporter interviewing a butterfly about its life. Ask about the changes it has experienced since it was an egg. Make a tape or write an article about your interview	
**	11	Visit a museum. Find the insect collection. Write down the name of the largest and smallest one in the display. Write notes about the most interesting insect	
**	12	List the features of 2 different aquatic insects. Describe the features that allow them to live in water	
*	13	Identify 5 different local insect pests and explain the problems they create that causes them to be pests	
*	14	Make a cage for grasshoppers or other insect you are interested in. Keep and care for them for at least a week. Release them back where	

		you found them	
**	15	Find insect eggs and hatch them. Draw a sketch before and after hatching	
**	16	Rear caterpillars to butterflies or moths. Make a video or take photos to show the stages	
**	17	Catch and observe 5 different types of beetles. Draw each one and explain what makes beetles different from other insects	
***	18	Observe insects living in their natural habitat. Count how many you can see on the surface (e.g. sand or soil), beneath the surface or on the vegetation. Show your findings on a graph	
***	19	Place a board or sack on the soil in an undisturbed place in a home or school garden. Each week for 3 weeks, lift carefully and note the animals (insects, spiders, worms, etc) beneath it. Put your results in a table and graph the results	
**	20	Using a magnifying glass or low power microscope draw the wings of three different dead insects. Explain why you think they are different	
***	21	After sunset, use a white sheet and a bright light to attract insects. Keep a record of how many different insects turn up. You may be able to use a camera or video to help you. Classify the insects into groups. Show your results as a table of data	
*	22	Make a poster about the life of social insects such as bees, wasps or ants	
**	23	Design an imaginary insect. Make a model of it	
*	24	Find out and write a short report on how some insects manage to walk up glass windows	
**	25	Make a mobile about the various insects that live o people such as fleas, head lice, bed bugs	
*	26	Write a poem about life as a wasp	

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**	27	Make a model compound eye using straws and sellotape. Write a short sentence describing what an insect's view of the world might be like. Try looking through your model eye	
**	28	Which insects have traditionally been used for food? Display your information and recipes as a wall chart	
**	29	Write a newspaper article about New Zealand's endangered insects. Mark on a map of New Zealand where they are likely to be still found	