



4/5 Triffitt

Bird Beak Battle Experiment

Students have been investigating the behavioural and structural adaptations that animals have which enable them to survive in their habitats. Some of these include camouflage which hides them from both predators and prey, Behavioural adaptations such as sleeping in the day and hunting at night, and structural adaptations like camels having long eyelashes to keep the sand out of their eyes. As part of this investigation, students completed an experiment called *Bird Beak Battle* where the experiment mimicked five different bird beaks and five different types of food which they eat. The experiment was designed to see whether the structural adaptations would impact the type of foods which birds eat.

For the experiment students used the following pieces of equipment and food to represent the bird beaks and their diet.

Bird	Utensil Representing Beak	Food Representing Diet
Finch	Tweezers	Seeds as seeds
Kookaburra	Peg	Pasta shells as nuts
Cockatoo	pliers	gummy worms as worms and small lizards
Duck	Tongs	Spinach in water as aquatic plants
Pelican	Ladle	Apple slices in water as fish

Here are some student examples of their investigation.