

Lab Sheet: Bird Beak Design

Question	Which "beak" will pick up the different types of food?
Purpose	The purpose of this experiment is to determine which shape of bird beak is best for a particular food type.
Materials needed	<p>Beaks</p> <ul style="list-style-type: none">· eyedropper or drinking straw· pliers· tweezers· small strainer or fish net· spoon <p>Bird Food</p> <ul style="list-style-type: none">· rubber bands (worms) in a container of soil· straws (plants) cut into 5cm long lengths in a bowl of water· dried beans (bugs) or small stones· bowl of water (nectar)· some sort of seed or small nut with a shell like a sunflower seed or peanut

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<p>Hypothesis - What do you think will happen?</p> <p>Hypothesize which beak will pick up each type of bird food and record your thoughts.</p>	
<p>Procedure</p>	<p>Repeat the following steps with five different types of bird beak: probing beaks, conical beaks, tweezer beaks, filter feeders, and spatulate beaks.</p> <ul style="list-style-type: none">• Step one: Try and pick out the pieces of rubber bands (which will act as worms) from the soil.• Step two: Try and pick up the pieces of plastic straw from a bowl of water.• Step three: Try to pick up the dried beans.• Step four: Try to crack a sunflower seed open.• Step five: Try to gather water.

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Observations

Is there anything that you weren't expecting? Record your observations as a picture, words, or another method of your choice.

Conclusions

Think about your observations. Review what we learned before and compare it to what we found, then try to explain what we now know.