

# Bird Beak Lab

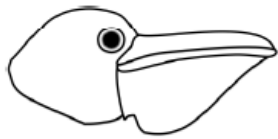
Name \_\_\_\_\_

Today, your team is going to learn about different types of bird beaks and which food works best with each type of beak. Your team will need each member to have: a spoon, a toothpick, a clothespin, tweezers, and a straw.

**My Hypotheses:** Which beak will go with which food type best?

Beak Type →	spoon	toothpick	clothespin	tweezers	straw
Best Food →					

You will have 60 seconds of time for each type of beak in each bowl of "bird food", or 5 minutes of time total for each type of beak. Record your results (count how much food you picked up each time) in the data charts.



**Spoon**

Birds with a spoon-like beak scoop up their food. Birds with this type of beak feed in water areas and pick up shellfish and other fish with their beak. Includes the spoonbill and the pelican.

Mini-Marshmallows	
Cotton Balls	
Paper Clips	
Dried Beans	
Rice	



**Toothpick**

Birds with a toothpick-like beak stab their food. Birds with this type of beak feed on insects and water creatures they can spear or stab with their beak. Includes the heron and the tern.

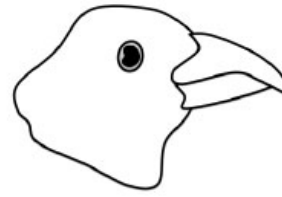
Mini-Marshmallows	
Cotton Balls	
Paper Clips	
Dried Beans	
Rice	



**Clothespin**

Birds with a clothespin-like beak grab their food. Birds with this type of beak feed on different seeds and small worms or other things. Includes the robin and the sparrow.

Mini-Marshmallows	
Cotton Balls	
Paper Clips	
Dried Beans	
Rice	



**Tweezers**

Birds with a tweezer-like beak also grab their food. Birds with this type of beak feed on insects they need to quickly grab and hold on to tightly. Includes the wren and the oriole.

Mini-Marshmallows	
Cotton Balls	
Paper Clips	
Dried Beans	
Rice	



**Straw**

Birds with a straw-like beak suck up their food. Birds with this type of beak feed on different liquids. Includes the hummingbird.

Mini-Marshmallows	
Cotton Balls	
Paper Clips	
Dried Beans	
Rice	

How do you think the straw beak will work on a liquid, like water? Try it...

Describe what happened. Can any of the other beaks pick up water?

Which type of beak picked up each food item best, in your opinion?

Beak Type →	spoon	toothpick	clothespin	tweezers	straw
Best Food →					
Why?					

Why do you think birds have so many different types of beaks?

How does having different types of beaks help the different types of birds to survive?

