

Bird Beaks

Why are bird beaks shaped differently?
Not all animals feed in the same way.

Materials:

Foods(baggy with seeds, string, rice, popcorn etc)

Forceps

Spoon(from home)

Popsicle sticks

Pipette

Cup of water and empty cup(from home)

Petri dish

Background

Birds? What do birds eat? What do you think eagles and hawks eat? What about birds that go to a bird feeder? What would happen if all birds were alike? Birds have different beaks so that they can eat different things, we are going to test some different tools.

Procedure:

1. Everyone is going to have the chance to test every tool on every type of food, and we are going to collect data on how well each beak type works on each type of food.
2. Record on data sheet-each square will be used to record how much of that food could be collected with each beak type.
3. You will have 30 seconds to collect your food.
4. Using only 1 tool and 1 food type move it into the empty cup. You can only move one item at a time and using only 1 hand.
5. Count your items are you move them and record on the data sheet.

6. Return food to the original cup and repeat for the rest of the food types: worms(string), beetles(popcorn), ants(rice), grass seeds, nectar (water)

Data Chart

	Number of Beetles (popcorn)	Number of Ants (rice)	Number of Worms (string)	Number of grass seeds	Centimeters of Nectar (water)
Forceps					
Popsicle sticks					
Spoon					
Pipette					