

Name _____ Partner Name _____ Date _____

Beak Lab Data Collection

Imagine you are a bird that needs to feed its young. You will work with a partner for this activity. Each partner will visit three stations and complete their own form. One student will collect food as the other student operates the timer. You will alternate jobs until each partner has attempted to collect food three times with three different “beaks”.

Step by step procedures:

1. Get a paper plate to represent your “nest”.
2. Decide which habitat you will visit to collect food.
3. Select two pieces of a “beak” and tape one to your index finger and one to your thumb. For example: If you select toothpicks, attach one to your finger and one to your thumb with tape.
4. You will be given two minutes to collect all the food you can with your “beak” Your partner will keep time.
5. Record your data
6. Select a different “beak” or habitat and repeat two more times.

Station 1 – Data Collection:

Habitat Name _____

What “beak” material do you hypothesis will work best at this habitat to collect food?

What kind of food were you able to collect? _____

How difficult was it to collect food? _____

What kind of bird do you believe has this type of beak? _____

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Station 2 – Data Collection:

Habitat Name _____

What “beak” material do you hypothesis will work best at this habitat to collect food?

What kind of food were you able to collect? _____

How difficult was it to collect food? _____

What kind of bird do you believe has this type of beak? _____

Station 3 – Data Collection:

Habitat Name _____

What “beak” material do you hypothesis will work best at this habitat to collect food?

What kind of food were you able to collect? _____

How difficult was it to collect food? _____

What kind of bird do you believe has this type of beak? _____

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Conclusions:

Were your hypotheses correct? Which type of food was the easiest to pick up? Did certain beaks work best with certain foods? Why? Give details.

Scoring Rubric – Please fill out how many points you believe you earned for this activity.

Activity	Possible Points	Student Self Assessment	Comments	Teacher Assessment
Co-operation with partner	5			
Staying on Task	5			
Station 1 data	10			
Station 2 data	10			
Station 3 data	10			
Conclusion	10			
Total Points	50	/50		/50