



Bird Beak Adaptation Activity

Student Worksheets
Grades 2-5

How much food can you collect?



Prediction: Which tool (beak) do you think will work the best? _____

Bird: Great Egret



Food: Frogs



| | Amount of Food Gathered |
|---------|-------------------------|
| Beak 1: | |
| Beak 2: | |
| Beak 3: | |

Which beak worked the best? _____

How much food can you collect?



Prediction: Which tool (beak) do you think will work the best? _____

Bird: Black Skimmer



Food: Herring



| | Amount of Food Gathered |
|---------|-------------------------|
| Beak 1: | |
| Beak 2: | |
| Beak 3: | |

Which beak worked the best? _____

How much food can you collect?



Prediction: Which tool (beak) do you think will work the best? _____

Bird: Piping Plover



Food: Marine worms



| | Amount of Food Gathered |
|---------|-------------------------|
| Beak 1: | |
| Beak 2: | |
| Beak 3: | |

Which beak worked the best? _____

How much food can you collect?



Discussion:

Which of the beak types worked best with which food item?

Was one beak type successful with more than one food item? If so, list which beak worked for more than one food item.

What do you think would happen to each bird if only one food item was available?

What habitat do you think each of these birds would live?

How much food can you collect? Part 2



You are a hungry Double-crested Cormorant! In three timed trials you are going to try and eat as much food as you can to fill your stomach so you are no longer hungry.

| | Amount of Food "A" Gathered | Amount of Food "B" Gathered |
|---------|-----------------------------|-----------------------------|
| Trial 1 | | |
| Trial 2 | | |
| Trial 3 | | |

How much food can you collect? Part 2



Discussion:

What do you think happens to the plastic in the bird's stomach?

Why didn't we take it out with the rest of the food?