Bird Structures and Survival

Grades: 1-2

Objective: In this lesson, students will explore the worlds of birds and build background knowledge of survival for our feathered friends.

Station Materials: rice, medium dowel with hole, large tweezers, metal tongs, small container of potting soil, rubber toy worms, pliers, sunflower seeds, small aquarium fish net, container of water, small toy fish, pipette, graduated cylinder filled with water, chunk of clay, small dowel, safety scissors.

Additional Materials: Station Observation Sheet, Bird Beak Chart

Source: Teaching in Room 9 from Nine PBS
https://www.youtube.com/watch?v=lq69ikZc8z0. Retrieved 03.21.22
Bird Structures and Survival

1. **Watch the video linked below**. You can show this to your class or watch it and then replicate the lesson yourself.

2. **Create a science station containing all** the materials listed on the previous page, a laminated **copy of the Bird Beak Chart** (pg. 3), and student copies of the Station Observation Sheet (pg. 4)

3. **Teach the lesson** to the whole class, either using the video or leading it yourself OR have **students rotate independently** through the activity during station or center time.

4. After you have taught the lesson or students have rotated through the station independently, **have students discuss the findings**. What did they learn about how different beaks help birds survive?

https://youtu.be/lq69ikZc8z0

Source: Teaching in Room 9 from Nine PBS
https://www.youtube.com/watch?v=lq69ikZc8z0. Retrieved 03.21.22
Bird Beak Chart

eagle  sparrow  robin

heron  kingfisher  owl

hummingbird  pelican  woodpecker
<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>bugs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>tree in shell</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>dirt in seeds</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>worms in dirt</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>flower from water</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>bone off meat</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>