

**Grade Level:** 4<sup>th</sup>grade **Subject Focus:** Ecosystem- Birds of a Feather **Date:** 6/13/2020

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| <p><b>Georgia Standard of Excellence (GSE)</b></p>   | <p>S4L1: Obtain, evaluate, and communicate information about the roles of organisms and the flow of energy within the ecosystem</p>   |
| <p><b>Learning Target(s)</b><br/>Targets must be aligned to the GSE and with the assessment(s); targets should be stated as measurable (e.g. 'I can' statements for students).</p> | <p>Identify and describe features of a bird's ecosystem<br/>Recognize energy processing used by organisms<br/>Develop and design a bird house for local birds in Georgia</p>  |
| <p><b>Materials</b><br/>What resources will be needed to engage students? Be as precise as possible</p>  | <p>Jumbo Craft sticks<br/>Glue<br/>Notepad<br/>Pencil<br/>Scissors</p>  |
| <p><b>Oxbow @ Home Project</b><br/>Describe your project. Include the steps and directions that students and/or parents would need to follow</p>                                   | <p><b>Description:</b><br/>Birds PowerPoint- <a href="https://docs.google.com/presentation/d/1aEAwUnwlsK6nZZ1UkD4stT3xNYwhnXWKk6JT6tMLGwg/edit?usp=sharing">https://docs.google.com/presentation/d/1aEAwUnwlsK6nZZ1UkD4stT3xNYwhnXWKk6JT6tMLGwg/edit?usp=sharing</a><br/>Video demonstration- <a href="https://drive.google.com/file/d/1Lv5QbW5MJxLwriwCOJYLviREfpEIDbAD/view?usp=sharing">https://drive.google.com/file/d/1Lv5QbW5MJxLwriwCOJYLviREfpEIDbAD/view?usp=sharing</a></p> <p>Students and the teacher will discuss the definition of an ecosystem. The instructor will ask in what ways do an ecosystem and food chain relate, follow-up question- in what ways do an ecosystem and food chain differ.</p> <p>Introduce bird watching activity- Students will observe birds in the area for 5 minutes. While pretending to be mini birdwatchers, the students will write characteristics of the birds on their notepads with their pencils.</p> <p>Students will discuss their findings as a group for 5 minutes.</p> <ul style="list-style-type: none"> <li>• What characteristics of the ecosystem did you see while observing the birds?</li> <li>• What role do birds play in the food chain?</li> <li>• How can shelter influence the bird in an ecosystem?</li> </ul> <p>View PowerPoint with class and videos to supplement<br/>The instructor will provide instructions on building a birdhouse with craft sticks</p> |

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**Link to Google Slides:**

**<https://docs.google.com/presentation/d/1aEAWunwlsK6nZZ1UkD4stT3xNYwhnXWKk6JT6tMLGwg/edit?usp=sharing>**

**Link to Video:**

**<https://drive.google.com/file/d/1Ly5QbW5MJxLwriwCOJYLviREFpEIDbAD/view?usp=sharing>**