

GED 2002 Teachers' Handbook of Lesson Plans

Area/Skill - Science	Cognitive Skill Level - Synthesis	Correlation to Science Framework - 03.02/03.06	Lesson Number - 17
<p>Activity Title - "We're Back ... Eagles Soar!"</p> <p>Goal/Objective</p> <p>To analyze maps in order to create a map to display the bald eagles habitats.</p> <p>Lesson Outline</p> <p>Introduction</p> <p>The American Bald Eagle was very close to extinction not so very long ago. But the bald eagle has made an amazing comeback in the past few years. The bald eagle's habitat is found only in North America. There were many reasons that lead to its demise and there are many contributing factors that has brought it back.</p> <p>Activity</p> <p>Briefly discuss the American Bald Eagle and its habitat. Display and discuss overhead (s) of map(s) that show the habitats of the eagles. Provide students with map(s) that show the areas in which Bald Eagles can be found. Students will then create a map that shows different habitats. Websites that will assist in this activity include:</p> <ul style="list-style-type: none"> • The Eagle Page - http://www.shellworld.net/~emily/eagle.html • Eagle Cam Site - http://wdfw.wa.gov/wildwatch/ <p>Debriefing/Evaluation Activity</p> <p>Have you ever seen a Bald Eagle in the wild? What type of environment were you in? Was it in an environment that Bald Eagles are normally found? Were you surprised to see them there? Why do you think they were nesting in that area?</p>			<p>Materials/Texts/Realia/Handouts</p> <ul style="list-style-type: none"> • Handout – Eagles Regain a Perch in the Lower 48 • Handout – Overhead of Bald Eagle Habitats • Handout – Overhead of Bald Eagle Habitats 2 • Map of North America • Websites • Computer/Internet access
			<p>Extension Activity</p> <p>Using the computer go to the Cam websites to see the Bald Eagles in their natural habitats. Compare and contrast the different habitats and write down your observations to share in class.</p>
<p>Real-Life Connection</p> <p><i>Ask:</i> Do you ever use data to make decisions? What kinds of data do you use? Answers may include using maps to chart a vacation, using stock analysis prior to purchasing stock, watching weather forecasts in order to plan for the next day. Have students connect the different types of data to their daily lives.</p>			<p>ESE/ESOL Accommodations</p> <ul style="list-style-type: none"> • Highlight important parts of the text. • Give the student a study guide to follow when he or she must do independent reading. • Use hands-on activities, pictures or diagrams to provide alternate ways of learning information. • Provide alternate materials with similar content at a lower reading level.

GED 2002 Teachers' Handbook of Lesson Plans - Script

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Activity Title - "We're Back ... Eagles Soar!"

Introduction

Ask: Has anyone ever seen an American Bald Eagle in the wild before? What were some of things that you noticed about it? Discuss the students answers. If no one has ever seen an American Bald Eagle, ask if anyone has seen an animal or bird that was endangered. *Ask:* Are there some animals or birds who you have read about or seen pictures of who are now extinct? Sample answers may include: dinosaurs, dodo bird, whooping crane, etc.

Main Activity

Say: We are going to look at the places in which the Bald Eagle makes its habitat. Using the handout, discuss some of the major points. Next, display the overhead and explain the map using the map key or legend. Time permitting, do the same with the other map. Pass out handout of maps of North America. Have the students create own map showing the Eagle's habitat.

Closure/Conclusion

Ask: What can you do to help the endangered species in you area to survive? What other things can man do to help these species? Why should man help endangered species to survive?

Follow-Up Lessons/Activities

Ask: On your daily travels around your neighborhood do you see anywhere that an eagle might make a nest? Could humans create areas where eagles could build a nest? Some places have built platforms on tall power poles, would that be feasible in your area? Discuss these ideas in class.