



AUGUSTA CANAL  
NATIONAL HERITAGE AREA

## New GA 3<sup>rd</sup> Grade Science Lesson Plan

<b>Grade Level</b>	<b>Grade 3</b>
<b>GA Standards</b>	<b>S3L1. Obtain, evaluate, and communicate information about the similarities and differences between plants, animals, and habitats found within geographic regions (Blue Ridge Mountains, Piedmont, Coastal Plains, Valley and Ridge, and Appalachian Plateau) of Georgia. a. Ask questions to differentiate between plants, animals, and habitats found within Georgia’s geographic regions. b. Construct an explanation of how external features and adaptations (camouflage, hibernation, migration, mimicry) of animals allow them to survive in their habitat. c. Use evidence to construct an explanation of why some organisms can thrive in one habitat and not in another. S3L2. Obtain, evaluate, and communicate information about the effects of pollution (air, land, and water) and humans on the environment. a. Ask questions to collect information and create records of sources and effects of pollution on the plants and animals. b. Explore, research, and communicate solutions, such as conservation of resources and recycling of materials, to protect plants and animals.</b>
<b>Lesson Title</b>	<b>England’s Peppered Moth and the trout story.</b>
<b>Inquiry Question</b>	<b>Can man influence a change in an animals camouflage?</b>
<b>Overarching Question</b>	<b>How does man influence nature?</b>
<b>Lesson Duration</b>	<b>Pre-visit classroom activity, trip, &amp; post-visit classroom activity.</b>

### Lesson Plan Activity Outline

<b>Day 1 Classrom Previsit</b>	<b>Discuss vocabulary (link)</b>	<a href="http://www.augustacanal.com">www.augustacanal.com</a> Virtual Tour
<b>Day 2 Canal Visit Field Trip</b>	<b>Boat ride/Animals Adaptations</b>	<b>Peppered Moth PPT &amp; Activity</b> <a href="https://www.youtube.com/watch?v=lalv5QUkZdQ">https://www.youtube.com/watch?v=lalv5QUkZdQ</a>
<b>Day 3 Classrom Post-visit</b>	<b>Bird Habitats &amp; Adaptation PPT (link)</b>	<b>Birds, Beaks, &amp; Adaptations Activity (link)</b> <a href="https://www.fws.gov/uploadedFiles/Birds,%20Beaks,%20and%20Adaptations.pdf">https://www.fws.gov/uploadedFiles/Birds,%20Beaks,%20and%20Adaptations.pdf</a>