



AUGUSTA CANAL
NATIONAL HERITAGE AREA

2018 SC Science Lesson Plan

Grade Level	Grade 4
SC Standards	4.L.5A.4 Construct scientific arguments to support claims that some characteristics of organisms are inherited from parents and some are influenced by the environment. 4.L.5B. Conceptual Understanding: Plants and animals have physical characteristics that allow them to receive information from the environment. Structural adaptations within groups of plants and animals allow them to better survive and reproduce. Performance Indicators: Students who demonstrate this understanding can: 4.L.5B.3 Construct explanations for how structural adaptations (such as methods for defense, locomotion, obtaining resources, or camouflage) allow animals to survive in the environment.
Lesson Title	England's Peppered Moth
Inquiry Question	Can man influence a change in an animals camouflage?
Overarching Question	How does man influence nature?
Lesson Duration	Pre-visit classroom activity, trip, & post-visit classroom activity.

Lesson Plan Activity Outline

Day 1 Classroom Previsit	Discuss vocabulary	Augustacanal.com Virtual Tour
Day 2 Canal Visit Field Trip	Boat ride/Animals Adaptations	Peppered Moth PPT & Activity https://www.youtube.com/watch?v=lalv5QUkZdQ
Day 3 Classroom Post-visit	Bird Habitats & Adaptation PPT (link)	Birds, Beaks, & Adaptations Activity (link)