

Pre-Visit/Post-Visit Guide

Lesson Name: Rainforest Adventures: Poison Dart Frog Discovery

Summary of Lesson:

What makes a poison dart frog poisonous while other frogs are not so deadly? Explore the tropical rainforest and the role this fascinating creature plays in the food chain. View a real poison dart frog and with some other not-so-dangerous frogs and toads.

South Carolina Science Standards: 3.L.5.1; 3.L.5.A.2; 3.L.5B.1

Pre-Visit Resources

- **Content and Activities**
 - **Teacher/Chaperone Expectations:** Please help us by letting us know of any special accommodations for your children prior to the lesson. Your assistance with classroom management and distribution of supplies will also be greatly appreciated.
 - **Instructions for Teachers:** Please report to the Harrison Hall of Science for this lesson.
 - **Key Vocabulary:** rainforest, vivarium, habitat, ecosystem
 - **Key Questions Addressed in Lesson:**
 - What is a rainforest? Where are rainforest found around the world? What food/prey does a poison dart frog eat?
 - **Content Preview Video:**
 - SciShow Kids presents "Explore the Rainforest! Ecology for Kids" (4:07)
https://www.youtube.com/watch?v=KMdD6TTDZ_g

Post-Visit Resources

- **Writing Prompt:**
 - If you could interview a rainforest guide, what would you ask?
 - You are a toucan in the rainforest and have a friend who wants to eat a tasty looking poison dart frog. Write a persuasive argument about why he should or should not eat the poison dart frog. Include at least 3 reasons for your stance!
- **Possible Lesson Link:**
 - 25 EAsy Frog and Toad Ideas and Activities
 - <https://www.teachjunkie.com/language-arts/25-easy-frog-and-toad-ideas-activities/>
 - Rainforest Animals: Layers of Life
 - https://www.themailbox.com/magazines/science-worksheet-rain-forest-animals/01_cbpri_am03
 - Rainforest Animal Wheel
 - <https://www.enchantedlearning.com/wordwheels/animals/rainforest/>
- **Video Link:**
 - Brave Wilderness presents "Deadly Poison Dart Frog?" (7:18)
<https://www.youtube.com/watch?v=nyBZqRgbds4>

- Career Connections:
 - Careers in Conservation (Internship with WWF-Malaysia) (2:43) <https://www.youtube.com/watch?v=-qELqLcygGE>
 - Ecologist and Epidemiologist-National Geographic presents “Ecologist Sees Rain Forest Through Villagers’ Eyes” (3:19) <https://www.youtube.com/watch?v=nt1XxpGz70k>
(disclaimer: preview to see if the real-life scenarios presented are a good fit for your class)