

Poison Dart Frogs and Their Habitat

WebQuest Description: Poison dart frogs (Dendrobates) and their high canopy's in south, central america and some Hawaiian islands.

Grade Level: 6-8

Curriculum: English / Language Arts

Keywords: Poison Dart Frog Dendrobates South America Central America Hawaii rainforest

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WebQuest URL: <http://zunal.com/webquest.php?w=193053>

Introduction

Poison dart frogs are amazing creatures. Unfortunately they are an endangered species because their habitat is being destroyed. In the rain forest where poison dart frogs reside we lose an area 29 times the size of the Pentagon every minute! The objectives of this lesson are: 1) To gain general understanding about poison dart frogs, 2) To learn why poison dart frogs are an endangered species, 3) To brainstorm possible solutions to prevent destruction of the poison dart frogs habitat.

Tasks

Create a power point presentation to inform others that poison dart frogs are part of a species that is the most endangered group of animals on the planet. The presentation must include information about poison dart frogs, discussion of the problem and potential solutions to the problem.

Process

This lesson is completed with a partner, together complete the following steps. Step 1 Research poison dart frogs. Review four webquest pages on poison dart frogs. Visit suggested websites on reference page to learn more about poison dart frogs. Step 2 Review the Save the Frogs Slideshow. Step 3 Brainstorm up to three possible solutions to save to save the poison dart frogs with your partner. Step 4 Create the power point presentation to share with classmates. Use the seven seven rule, no more than seven lines per slide and no more than seven words per line. The presentation must include: Title Page. One to two slides presenting general information regarding poison dart frogs. Slide stating the problem. One to five slides stating possible solutions (one slide per solution, more slides can be added for more solutions.) Conclusion slide that sums up the problem statement and solutions in 3-5 sentences. (Optional) Credits page (only if credits are not included on the title page).

Description: The Strawberry poison dart frog has a red body and blue legs. **Habitat:** The Strawberry poison dart frog live in the canopy's of Central America specifically Panama, Costa Rica, and Nicaragua. **Diet:** Strawberry poison dart frogs eat ants and beetles such as termites and leaf cutter ants. **Fun fact:** This specific frog is also known as the blue jeans frog.

Description: The Dendrobates Auratus is green with black patterns. **Habitat:** The up high canopy's of Central and South America. **Diet:** The Green and black poison dart frog eats ants and beetles such as termites and leaf cutter ants. **Fun Fact:** Also known as the mint poison dart frog but its color varies from cobalt blue to forest green and from bark to black.

Description: These frogs have azure blue on their legs, sky blue on the back and darker blue on the belly with an irregular pattern of dark blue and black spots covering their back and head. **Habitat:** Blue poison arrow frogs are found only in the Sipaliwini Savannah in the South American country of Suriname. **Diet:** The Blue poison dart frog eats ants, beetles, flies, mites, spiders, termites, maggots and caterpillars. **Fun Fact:** The American Zoo and Aquarium Association declared 2008 "The Year of the Frog" to emphasize the global crisis affecting amphibians. One third of all amphibian species worldwide are threatened with extinction.

Description: Colors of the Rockstone poison dart frog vary; most are orange yellow and blue. Habitat: They live in the canopy in the Amazon rain forest. Diet: Rockstone poison dart frogs eat ants, beetles, flies, mites, spiders, termites and caterpillars. Fun Fact: The Rockstone poison dart frog is one of the newest editions to the poison dart frog family.

Wikipedia.org <http://animals.nationalgeographic.com/animals/amphibians/poison-frog/?source=A-to-Z>
<http://nationalzoo.si.edu/Animals/Amazonia/Facts/fact-poisondartfrog.cfm> <http://a-z-animals.com/animals/poison-dart-frog/>

Click the link below for ideas on how to save the frogs!

Evaluation

SEE POST TEST

Category and Score					Score
				Total Score	

Conclusion

As I was creating this lesson plan the song 'It's the End of the World As We Know It' and 'I Feel Fine' by REM kept coming back to my head like a boomerang as soon as I sent it out it came right back. This lesson was about the poison dart frog but all in all its about saving the world from collapsing on its self. Rain forest deforestation is a prime factor in the murder of the poison dart frog; kill the trees, kill the animals, kill the food chain but most importantly KILL ourselves we kill the trees for money but money isn't everything money can't buy oxygen; so save the frogs!

Teacher Page

N/A
Standards
 N/A
Credits
 N/A
Other
 N/A