

Big Idea 15 and 17: Diversity and Evolution of Living Organisms

Giant Animals

Description

Lesson could be used to review types of animals, their environments, adaptations, etc.

Slide Titles

- 1-Ginats on Display
- 2-Giants of the Ocean
- 3-Gaint Reptiles
- 4-Tallest Mammal
- 5- "Vanished Giants"
- 6-The American Museum of Natural History's Tita.

Google Questions

Questions cover the importance of animals past and present, adaptations, environments, etc.

Standards Based Questions:

- What are the physical characteristics of a right whale?
- What are some adaptations of an anaconda? Giraffe?
- What might an anaconda's food chain look like?
- What is the difference between a vertebrate and an invertebrate?

Books on Big Universe:

Primary:

- Reptiles
- Baby Reptiles
- Amphibians and Reptiles

Intermediate:

- Reptiles and amphibians
- What is a Vertebrate?
- Animals without backbones
- Animal Adaptations
- Adaptations
- Super Power in Nature

Food Chain (AR)

Description

Covers information from producers to carnivores.

Slide Titles

- 1-The Sun
- 2-Plants and Herbivores
- 3-Omnivores
- 4-Scavengers
- 5-Energy Pyramid

Google Questions

No questions provided

Standards Based Questions:

- What are physical characteristics of the deer?
- How is the Sun a source of energy?
- Explain the difference between birds and reptiles.
- Why is a food chain important?

Books on Big Universe:

Primary:

- Baby Carnivores
- What is a Carnivore?
- How do living things find food?

Intermediate:

- How do animals find food?
- What is a food chain?
- Producers and consumers
- Wetland food chains

Tropical Plants and Animals (AR)

Description

This 3D lesson cover tropical plants and animals.

Slide Titles

- 1-Papaya Tree
- 2-Bengal Tiger
- 3-Red-Eyed Tree Frog
- 4-Toucan

Google Questions

No Questions Provided

Standards Based Questions:

- How do plants and animals adapt to their environment?
- Look at the animals in the lesson are they vertebrates or invertebrates? How do you know?
- What are the physical characteristics of the toucan? Red Eyed Frog?
- How are birds and frogs different? Do they have any similarities?
- Where would the Bengal Tiger be on the food chain?

Books on Big Universe:

Primary:

- Rainforests
- Birds

Intermediate:

- Life in the Tropical Rain Forest
- Creepy but cool birds
- Adaptations
- Animal Adaptations

Borneo Rainforest, Plant Adaptations

Description

This lesson cover various plants and their adaptations in the Borneo Rainforest.

Slide Titles

1-Mangroves and Avicennia Trees

2-Ampullaria Pitcher Plants

3-Vines

4-Johannesteismania Palm

5-Buttress Roots

6-Strangling Fig

Google Questions

Questions cover how the trees have adapted to their environment, different characteristics of plants, roots, etc.

Standards Based Questions:

- How can we classify plants?
- Name some physical characteristics of the Buttress Roots
- Have how the plants adapted to their environment?
- What is the difference between flowering and nonflowering plants?

Books on Big Universe:

Primary:

- Plants
- Plants we eat

Intermediate:

- Why plants become extinct
- Plants are alive
- Killer Plants

The Great Migration

Description

This lesson covers the great migration

Slide Titles

1-The Migration

2-Crossing the Mara

3-Ready to Cross

4-Plants and Animals

5-Tourists Waiting for a Crossing

Google Questions

Questions cover the dangers for the animals, the reason for the migration, etc.

Standards Based Questions:

- How did the animals adapt to the lack of food supply?
- What is a learned behavior for these animals?
- Why do the animals choose to move?
- What would happen if they stay?

Books on Big Universe:

Primary:

Intermediate:

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