

BCPS Field Trip Request ID # 12386

Trip Request By	Renee Mayhew - NES
Trip Name	Newport Aquarium
Trip Date	03-31-2022
Approx. Pick-up Time	9:15AM
Return Date	03-31-2022
Approx. Return Time	6:00PM
Class/Group	Tomes, Mayhew, Ferrell, Kirk
Student Count	72
Chaperone Count	7
Number of Vans/Buses	2
Common Carrier	Miller Transportation
Cost to Students	25
How will you pay for students who cannot afford the fee?	PTA

Place of Departure

Name:	Nichols Elementary
Address:	10665 Highway 44 West
City:	West Point
State:	KY

Destination

Name:	Newport Aquarium
Address:	One Aquarium Way
City:	Newport
State:	KY

Lesson Plans

2-LS4-1 Biological Evolution: Unity and Diversity

Make observations of plants and animals to compare the diversity of life in different habitats.

Prior Learning:

Students completed a variety of animal sorts based on their different traits. Then students learned about how scientists sort animals based on the animals traits. This led to students looking at a variety of animals in two different habitats. They would then sort them by their diversity of life within the habitats.

Future Learning:

While at the aquarium, students will be reading about a variety of animals that are found in different habitats of the ocean. Upon returning to school, students will then create a sort about using different habitats they explored while at the aquarium. They will show the diverse life forms that can be found in each of the habitats they chose.

3-LS3-2 Heredity: Inheritance and Variation of Traits

Use evidence to support the explanation that traits can be influenced by the environment.

3-LS4-3 Biological Evolution: Unity and Diversity

Construct an argument with evidence that in a particular habitat some organisms can survive well, some survive less well, and some cannot survive at all.

Prior Learning:

Students did a study on how animals and plants inherit their traits. They learned that the environment within where they live can play a part in how their traits can change and whether they survive or not.

Future Learning:

While at the aquarium, students will study and read about a variety of animals that are observed. They will look for common traits and find how traits from each animal have changed over time. Students will then construct an argument with evidence to support how the animal's traits have changed over time.

4-LS1-1 From Molecules to Organisms: Structures and Processes

Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.

Prior Learning:

Students constructed a model of a human finger and eye. They learned how internal and external structures are used to help humans survive. After constructing the model students constructed an argument about how this can relate to plants and animals.

Future Learning:

While at the aquarium, students will observe and read about a variety of animals and plants. Upon returning to school, students will construct an argument on one of the plants or animals they observed. They will include how the internal and external structures help it to survive and grow within its environment.

5-LS2-1 Ecosystems: Interactions, Energy, and Dynamics

Develop a model to describe the movement of matter among plants, animals, decomposers, and the environment.

Prior learning:

Students constructed food chains to show the relationship between organisms. They learned that animals are prey and predators. The focus was animals on animals that are found on land. The students continued to work on understanding living organisms that live in a habitat. Within that habitat is a system called an ecosystem. If just one of the organisms disappeared the whole ecosystem would change.

Future learning:

While at the aquarium, students will observe a variety of animals found in the ocean. The students will make note of the given life forms in the ocean. Upon returning, students will create a food chain based on the animals they observed and read about during their trip to the aquarium.

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