**Gibbon Conservation Center**

**Web of Life**

3rd Grade

Pre– Visit Activity

This lesson plan meets the NGSS in the areas indicated below if used as recommended. It is not however limited to these standards and can be modified as the instructor sees fit to include more or adjusted to meet the needs of other grade levels.

**Next Generation Science Standards (NGSS)**

*Interdependent Relationships in Ecosystems*

Performance Expectations

Make a claim about the merit of a solution to a problem caused when the environment changes and the types of plants and animals that live there may change

**Dimension #1 Scientific & Engineering Practices (SEP)**

*Asking Questions*

*Analyzing & Interpreting Data*

*Constructing Explanations*

**Dimension #2 Crosscutting Concepts (CC**)

*Cause & Effect*

*Energy & Matter: Flows Cycles & Conservation*

**Dimension #3 Disciplinary Core Ideas (DCI)**

*Life Sciences*

3. Adaptations in physical structure or behavior may improve an organism’s chance for survival. As a basis for understanding this concept: b. Students know examples of diverse life forms in different environments, such as oceans, deserts, tundra, forests, grasslands, and wetlands. c. Students know living things cause changes in the environment in which they live: some of these changes are detrimental to the organism or other organisms, and some are beneficial

**Materials**

Costumes (5-30)

**Questions**

Before Activity

*What is the rainforest?*

*Where can we find the rainforest?*

*What types of animals can we find in the rainforest?*

*How do the animals use the rainforest?*

*Have you ever been to the rainforest?*

*What are some ways we use the rainforest?*

(fruit/medicine/coffee/chocolate/nuts/oxygen/paper/ furniture)

We haven’t discovered all of the plants and animals in the rainforest yet.

Begin Web of Life Activity

After Activity

*In the story what happened to the gibbons?*

*What happened to all of the other animals?*

When an animals surroundings change they can often adapt to survive.

*Do you think that gibbons can adapt to the rainforest being cut down?*

*Do you think any of the animals can adapt?*

*There are 19 different species of gibbons all of them are endangered. Why do you think that is?*

There are species of plants and animals in the rainforest we haven’t even discovered yet.

Do you remember the ways we use the rainforest? (potentially more)