

Kelsey MacCabe  
Grade:Kindergarten  
Discipline:Science  
Content:Rainforest  
Type of Class:Heterogeneous

**Purpose of Tiered Lesson:** These lessons will correlate with a primary wing study of the rainforest. As a K-2 wing we spend our last month at school learning about the rainforest at all levels. In order to prepare the students for the tiered questions there will be a lot of group instruction to teach them the basic facts around the rainforest. From there I will have an information board which will be available for the students to grab resources from and still maintain some independence. Since this will be a new topic to all students every child will start at level one and then move accordingly.

**Type of Management System:** This unit allows for many types of instruction both whole group and cooperative grouping, as well as some independent work. Although the majority of the time will be spent in whole group instruction the products will be based more on cooperative and independent work.

**Scheduling Time:** All thematic units are taught in the afternoon. One day will be spent on the group task, and then the following day will be the option of tiered activities 2 and 3. Time is flexible because of the nature of the activities they can be done during student independent time as well.

**Assessment Types and Procedures:** Students will be assessed by the activities that they have completed. Since all the activities will be product based they will present that as their assessment. I will record what each child has completed on a chart to show what level the student is working on. Since the majority of students will work with me there will plenty of observational assessment.

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Grade: Kindergarten  
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Content/Theme: Rainforest

Critical Content:

Land and Resources

Locations

Climate

Natural Resources

Vegetation

Species

Animals

Plants

Native People

Preservation

Endangered Animals

Extinction

Usefulness

Themes

Survival

Change

Themes and Generalizations

Survival

Survival is instinctual

Survival of the fittest

Survival requires endurance

Survival is dependent on  
man or nature

Survival requires change

Change

Change may cause conflict

Change may be good or bad

Change may be  
instantaneous or take place  
over time

Maine Learning Results: Pre K-2  
B1, B2, B3, B5

Essential Questions

1. What are the characteristics of a forest?
2. What is a habitat?
3. What is the environment?
4. How does change effect our environment?

Unit Questions

1. What is a rainforest?
2. How do humans effect the rainforest?
3. What thrives in the rainforest?
4. How do animals and plants survive in the rainforest?

My assessment:

My assessment will be on a large incentive chart. It will have all 30 tasks written on it and the students will get a sticker for each task that they complete. Since the thematic units are not graded in Kindergarten this will be used to see where the children challenged themselves and to see if they actively participated which would be an Adaptive Skill grade. The enclosed chart shows how it would work.

Basic (Group Work)

Level One

List what we know about forests in a group discussion.

What plants live in a rainforest?

Make a Venn Diagram to show which rainforest animals eat meat, eat plants, or both.

Name and record the layers of the canopy in the rainforest.

Draw picture of animal that was show in the Great Kapok Tree book.

Browse easy readers about rainforests.

Compare and contrast our forest to the rainforest on the comparison chart.

List animals from the rainforest that are endangered.

List reasons why recycling is important.

Make a Venn Diagram to show the similarities and differences with how we live and how native people live.

Intermediate(Independent with assistance)

Level Two

What are the three types of forests? List them.

Draw a picture to show how plants effect animals in rainforests.

Choose an animal group to make a picture book about. Use pictures from info board to assist you.

Complete the rainforest canopy puzzle and label correctly.

Draw and tell favorite part from Great Kapok Tree, have teacher record if needed.

Make puzzles of regions that have rainforests.

Create an animal that can live in either climate.

Identify three endangered animals and make a picture book about them.

Make a poster of rainforest resources that are important to you.

Make a puppet that shows what a native person would look like, include native clothing and face paints.

Advanced(Independent Work)

Level Three

Make a flip book with the three types of forests.

Show how plants survive by growing a lima bean.

Make two did you know cards about an animal of your choice.

Make canopy book, open flaps to show what animals live in each section.

Draw picture of what would have happened had the man not listened to the animals in the Great Kapok Tree.

Color areas on a map that have rainforests.

List species that live in our temperature and in the rainforest on a t-chart.

Create a Save the \_\_\_\_\_ poster to support the animal of your choice.

Dramatize how life would be different without rainforest resources.

Show how ecotourism effects the native people by playing the ecotourism game online.