**Lesson Plan**

**The Tropical Rainforest**

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**Grade:** Kindergarten

**Objective:** Given a selection of different pictures, the student will be able to accurately sort which belong with the rainforest and which do not.

**Length:** This lesson will be covered over multiple days because there are so many elements.

**Common Core State Standards:**

Kindergarten: Life Science: Standard 2

1. Observes and describes what various plants and animals need for growth.

3. Observes and describes how animals move (e.g., walk, crawl, hop, fly).

Kindergarten: Earth/Space Science: Standard 3

1. Explores and describes the properties of common earth materials (e.g., soil, rocks, water).

2. Observes and describes daily weather (e.g., sunny, cloudy, rainy, snowy, windy, hot, warm, cold).

3. Observes and describes characteristics of the four seasons (e.g., temperature, weather, appropriate clothing, changing leaves).

4. Describes simple conservation measures used to protect the environment (e.g., recycling, careful use of water).

**ISTE Standards:**

* 2. Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others
  + d) contribute to project teams to produce original works or solve problems
* 5. Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior
  + b) exhibit a positive attitude toward technology that supports collaboration, learning, and productivity

**Materials:**

* SmartBoard
* Kidspiration documents
* Class iPads
* Noteability app with Kidspiration file

**Lesson Procedures:**

1. Start by asking the class what they know about the rainforest. Write down what they say.
2. Bring up the concept map about the rainforest.
3. Talk about each section of the concept map separately.
   1. Animals: Talk about the different animals that live in the rainforest.
   2. Plants: Talk about the different plants that live in the rainforest.
   3. Weather: Talk about the weather and the rain in the rainforest.
   4. Where They Are: Talk about where rainforests can be found.
   5. Conservation: Talk about how the rainforests are depleting and how we can help.

Next Day:

1. Open up the student file.
2. Talk about what they are supposed to do (They will sort the pictures into either in the rainforest or not in the rainforest).
3. Point out one picture that doesn’t belong in the rainforest. Ask the class to talk to each other and decide if it should or shouldn’t go in the rainforest box.
4. Ask one student to tell what the class decided.
5. Move the picture to the spot they say.
6. Do another; but this time, choose one that belongs in the rainforest. Repeat the class discussion and move the item.

In the computer lab that day or the next:

1. Go to the computer lab so that every student has a computer.
2. Have each student open up the student file and do the rest of the activity solo.
3. Walk around the room and make sure that everyone is on track.
4. Every few minutes, have the class look up to the SmartBoard or teacher view of it and do one together if they are having trouble with one in particular.

Back in the classroom:

1. After you’re back in the classroom, provide every student with an iPad with the second student file from Kispiration loaded on the app Noteability.
2. On this, they will write what they learned about the animals, plants, weather, and conservation. They can also add pictures under each of the topics.

**Assessments:**

* Observe the children when they are having the discussion as a class as where to put the picture.
* Observe the children in the lab when they are sorting the pictures on their own. Make sure they are doing in correctly. If not, talk them through it.
* Look at what they wrote on the iPad. See what they drew about what they learned about the rainforest.

**Accommodations:**

* If the student needs extra help, give them one on one attention and advice when doing the activity.
* Could pair up the students if they need to collaborate and work together more.
* Print out the pictures and let them organize them as a group at their desks.
* If the student is not able to write on the iPad, print out the handout so that they can write it down on there.