Lesson Plan on Rainforest Animal Habitats and Materials which are Manmade or Natural

**Objective:**

- Overall Goal: Give students the knowledge of different types of rainforest animal habitats and have them work together to construct example animal habitats. Also, give students the information necessary to use their senses to determine if an object was human made or natural.

- Student Goal: Students by the end of this activity should know the difference between human made and naturally occurring materials and that animals in the rainforest utilize these materials to construct habitats.

**Materials:**

- Computers for the students to logon to my personal PBworks page with images of manmade and naturally occurring objects. On the wiki there will be pictures of 3 natural things; these things will be a tree, a flower, and a dog. The three manmade objects on the site will be a chair, a book, and a piece of paper.

**Procedure:**

1. Begin the lesson with a discussion about what it means to be manmade or natural. Example questions include:
   - What does it mean if something is manmade?
   - What does it mean if something is natural?
   - Can something be both?
   - What can you do to tell if something is manmade/natural?
2. Give each student time to express their ideas and guide them towards the correct answer.

3. Have the students use the computers to lookup an animal that comes from the rainforest.

4. The students should work in groups of two and not have the same animal.

5. Once the animal has been researched, the students should use a shoebox diorama and recreate the animal’s habitat.

6. The students should work together outside of class to complete this project.

7. After all dioramas have been completed have the students show their work to the class.

**Evaluation:**

- Ask the students if they can tell you what it means to be manmade, or natural. The students should have a clear understanding of the differences.

Using the diorama the student should be able to explain their animal and why they used the materials they did in the diorama.

The students should also tell whether the materials on the website are natural or manmade.
Grades: K-4
Evan Zarowny
Theme: Rainforest

<table>
<thead>
<tr>
<th>Indiana Standard:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Standard 4: Science, Engineering and Technology</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Standard:</td>
</tr>
<tr>
<td>1. Determine properties of natural and man-made materials and their most important uses.</td>
</tr>
<tr>
<td>1.4.1 Use all senses as appropriate to sort objects as being composed of materials that are naturally occurring, human made or a combination of the two.</td>
</tr>
<tr>
<td>1.4.2 Choose two animals that build shelters within their habitats. Compare the shelters in terms of the materials and tools they use and the type and purpose of shelter they provide.</td>
</tr>
<tr>
<td>1.4.3 Construct a simple shelter for an animal with natural and human-made materials.</td>
</tr>
</tbody>
</table>

http://www.theodora.com/wfb/photos/australia/koala_bear_port_douglas_rainforest_habitat_wildlife_sanctuary-australia_photo_richard_powers.jpg
Evan Zarowny
Theme: Rainforest

1 http://dc.doe.in.gov/Standards/AcademicStandards/PrintLibrary/science.shtml