UF CPET ACTION PLAN TEMPLATE

Date submitted: July 17, 2015

Teacher(s): Mr. J. Powell

School(s): Roosevelt Middle School

Grade(s): 8th

Subject(s): Integrated Science

Title of Project: Study of how insects are related to other higher order species, and how that relationship is evidence of evolution.

Goal of Project: The goal of this project is for the students to understand that evolution simply means change, and that a relationship exists between varying species.

What will be done with my students:

- Each student will choose an insect from prehistoric times and chart how that insect has changed over time to the present state. They will make a timeline to display the changes, and describe the changes that.

Benefit to my students:

Students will hopefully see that everything changes over time, and that evolution is simply the defining of those changes.

UF connection:

The timeline comes from the time scale activity presented by Ms. Jennifer Broo at the 2015 SSI: Exploring the Tree of Life workshop.
**SINGLE LESSON PLAN**

**Teacher:** Powell  
**Content Area/Grade:** Science 8th  
**Date:** July 17, 2015

**Unit Goal**  
What unit goal does this daily lesson address?  
Students will understand that the theory of evolution is supported by multiple forms of evidence.

**Standard(s)/Benchmark(s)**  
What standard(s)/benchmark(s) does this daily lesson address?  
SC.7.L.15.

**Essential Questions**  
What essential question(s) does this lesson address?  
1. What is evolution?  
2. What evidence supports evolution?

**Connecting Concepts**  
How will you review yesterday's content and connect today's lesson to it?  
The theory of evolution is supported by multiple forms of evidence.

**Organizing Students for Learning**  
How will students be organized today for the lesson's activities?  
Students will be working in groups.

**LEARNING EXPERIENCES, INSTRUCTION, AND RESOURCES**  
What activities or experiences (from your Unit Plan) will students engage in today? (DQ2, E9)

<table>
<thead>
<tr>
<th>Lesson Sequence</th>
<th>Resources &amp; Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activating Prior Knowledge DQ2, E8</td>
<td>ABC Brainstorming</td>
</tr>
<tr>
<td>Explicit Instruction</td>
<td>KWL Anticipation Guide</td>
</tr>
<tr>
<td>Group Processing of New Information DQ2, E10</td>
<td>Card Sort</td>
</tr>
<tr>
<td>Elaborative Questioning DQ2, E11</td>
<td>Think-Pair-Share</td>
</tr>
<tr>
<td>Demonstrating Understanding DQ2, E12</td>
<td>Motivational Hook Lecture Demonstration Note-taking Guide</td>
</tr>
<tr>
<td>Reflection DQ2, E13</td>
<td>Jigsaw Reciprocal Teaching Concept Attainment Think-Pair-Share</td>
</tr>
<tr>
<td>Daily Progress Monitoring Assessment</td>
<td>Inferential Questions Analytic Questions Philosophical Chairs</td>
</tr>
</tbody>
</table>

Based on the results from your Daily Progress Monitoring Assessment, what concepts need to be revisited in the next lesson?