# From the Pupa to the Butterfly

## Objectives
- Students will see the process of the caterpillar changing into a butterfly first hand.
- Students will learn how to record their results on the computer and share them with others.

## Material
- Jar with pupa enclosed in it.
- Computer
- Class site through Movable Type

## Procedure
- Split your students into groups (as many as you want)
- Give each group a jar with pupa in it.
- Before doing anything have each group come up with hypotheses of different changes that they expect to see
- Explain to them that you will be observing the pupa through this stage until it becomes a butterfly
- Also, after you set up the class blogging site through Movable Type, show them how to access it.
- Each group will record any changes that they see in the pupa each week on this blogging site
- This site will allow them to read results from other groups and compare them
- After the butterfly has hatched, the students will then write a
short 1-2 page paper saying what they observed and telling if their hypotheses were correct

<table>
<thead>
<tr>
<th>Assessment</th>
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<tbody>
<tr>
<td>• Students will demonstrate their understanding of what is happening through their weekly blog posts</td>
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<td>• Students will show their understanding with the 1-2 page paper that they write at the end</td>
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<th>Indiana Standards</th>
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<tr>
<td>• Standard 3.2 Scientific Thinking: Students use a variety of skills and techniques when attempting to answer questions and solve problems. They describe their observations accurately and clearly, using numbers, words, and sketches, and are able to communicate their thinking to others.</td>
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