**Key Concepts:**
- Monarchs go through several stages in their life cycle.
- Sequencing events in an easy to follow book helps the understanding of chronology.

**Skills:**
- Understand the order of events in the monarch life cycle.
- Sequence pictures and words according to an order of events.

**Materials:**
- Card stock paper (5” X 8” for cards and 8 1/2” X 11” for books)
- Life cycle word cards (teacher page)
- Life cycle line drawings (teacher pages)
- Glue
- Scissors
- Crayons, markers, colored pencils

**Objective**
Discuss and understand the order of events in the monarch butterfly life cycle. Sequence pictures according to this order of events, and match words to the pictures. Make an easy to follow book that illustrates this sequence of life cycle stages.

**Background**
Monarchs undergo an amazing metamorphosis, changing from a small egg into a beautiful butterfly. Studying these events and recreating the order of the stages is a good way for students to practice sequencing. In this lesson, students will create picture and word cards for each of the stages and will practice placing them in the correct order. They will also make life cycle books, with one monarch stage on each page of their book.

**Procedure**
1. After observing and reading about the complete life cycle, review the different stages.
2. Make large picture cards of each stage (see line drawings on the following pages, or have the children draw their own).
3. Have children sequence the pictures.
4. Have children match the words to the pictures.
5. After students are comfortable with the sequence, have them make their own life cycle books, using the line drawings or drawings of their own. Possible types of books include an accordion fold book and an unfolding book.

**Accordian book pattern**

**Unfolding book pattern: all words are on the back of the strip**
<table>
<thead>
<tr>
<th>EGG</th>
<th>NEW</th>
<th>LARVA</th>
<th>LARVA</th>
<th>LARVA</th>
<th>PUPA</th>
<th>ADULT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>CATERPILLAR</td>
<td>“J”</td>
<td>CATERPILLAR</td>
<td>CATERPILLAR</td>
<td>BUTTERFLY</td>
</tr>
</tbody>
</table>
Life Cycle - Making Life Cycle Books