**The Lifecycle of a Butterfly**

**Lesson Plan**

**2nd Grade Science**

Amy Mulloy, Box 7562

Exceptional Children

Professor Saynes

April 28, 2011

**Grade: 2nd**

**Subject: Science**

**Lesson: Lifecycle of a Butterfly**

**Tennessee State Standard**: Standard 4 - Heredity

**Grade Level Expectations:**

GLE 0207.4.1 Compare the life cycles of various organisms.

**Check for Understanding:**

0207.4.1 Compare and contrast the life cycles of different organisms such as a chicken, butterfly, meal worm, frog, or human.

0207.4.2 Sequence a collection of pictures or illustrations into the correct stages of an organism’s life cycle.

**Anticipatory Set**

Read *The Very Hungry Caterpillar* by Eric Carle.

\*make sure to point out the different forms that the caterpillar takes throughout the book

\*make sure students make the connection that one caterpillar turned into one butterfly

Exceptions: hearing and/or visual impaired student can sit on the front row so they can hear me better and see the book better. If they are partially deaf I can get the audiobook and the student can listen to the book with earphones. If a student is blind, I could try to find a brail version of the story.

**Instructional Procedures**

Describe the life cycle of a butterfly. The four stages: The Egg, The Larva (Caterpillar), Pupa (Chrysalis), Adult Butterfly. Explain what happens in each stage. Show real pictures. Watch the formation live. Sample from youtube: http://www.youtube.com/watch?v=7AUeM8MbaIk

Exceptions: It may help some students to actually see the process happening live. In this case buy a caterpillar kit or go find some caterpillars. Research how to take care of them and make a home for them in your classroom.

**Conclusion**

Have students create their own book of the life cycle of a butterfly. The book should be 4 pages long, one page for each stage. Give each student 4 pieces of paper. Have them draw and color each stage of the lifecycle. Teacher can staple the pages together at the end.

Exceptions: If a child is handicapped and doesn’t have the fine motor skills necessary to draw a picture, I could first draw the stages for them. Then they would be free to scribble scratch colors on the page. That way they can “make” a book too.

If a child is severely handicapped and can’t move their body at all, the teacher or another student, can help the student with the handicap color the picture. The child, say in a wheelchair, would just tell another student what colors to use for the pictures. That way they can still feel like a part of the project.

**Materials Needed**

The book *The Very Hungry Caterpillar*

Slideshow of pictures showing the four stages of a butterfly’s life cycle

Internet access and a computer with an overhead projector to show students live footage.

White pieces of paper (4 per student), coloring utensils, drawing utensils, stapler