Jennifer Saxon  
Kindergarten  
Metamorphosis – butterfly

**Objective:** This lesson is to solidify previous lessons about the life cycle of a butterfly. The concept is to take all the stages of metamorphosis and put them together in one project.

**Materials:**

Brown Paper  
Pipe Cleaners (a variety of colors and widths)  
Stapler

**Background:** Before this lesson was done, the class had been learning about the life cycle of the butterfly. The children learned about the caterpillar making a cocoon, how it turned into a chrysalis and then how a butterfly emerged. This lesson will allow the children to see the caterpillar go into the cocoon and come out as a butterfly, just as they learned it would.

**Preparation:** Cut enough pipe cleaners for the body of the caterpillar (about ¼ of a pipe cleaner will make 1 body). Fold this 3 times to make the body. Then cut 7 (thin) pipe cleaners (about ⅛ of an inch long each) to use for legs and antennæ. Take 5 of the thin pipe cleaners and fold them in half over the body and twist the ends to make legs. Take 1 of the thin pipe cleaners and use as antennæ. Now cut enough pipe cleaners for the butterfly body (about ½ of a pipe cleaner will make 1 body). Fold the pipe cleaner in half to make the body. Have the children choose 2 colors that they want for the wings. Then cut the pipe cleaners (about ¼ of a pipe cleaner should make 1 wing) and have the children twist them onto the body to make wings. Take the last thin pipe cleaner and give the butterfly antennæ. Next you’ll want to take the brown paper and roll it into a cocoon that both the caterpillar and the butterfly can fit in. Staple the paper to keep the cocoon shape. Take one last pipe cleaner and attach it to the front end of the caterpillar and the back end of the butterfly so that when the caterpillar goes into the cocoon, the butterfly comes out the other end.