

**Syracuse City School Library System  
Collaborative Lesson Plan Integrating  
NOVEL & SCSD Online Databases**

School: Webster  
LMS: Rice  
Teacher: Armani

Curricular Area: Science

Grade Level: 2

Lesson Duration: (time, periods or days) 5 sessions, approximately 40 minutes in length

Lesson Name: Butterflies

Goals and Objectives for the Lesson: 1. Students will describe the life cycle of a butterfly. 2. Students will compare and contrast butterflies and moths. 3. Students will learn vocabulary relating to butterflies and use the words in their own writing.

- Online Database Subscription Used
- EBSCO Searchasaurus
  - EBSCO TOPIC Search
  - EBSCO Master FILE Select
  - Junior Edition K-12
  - Custom Newspapers
  - New York State Newspapers
  - National Newspaper Index 1977-2003
  - Twayne's Author Series
  - Health Reference Center Academic
  - Health and Wellness Resource Center
  - Gale Virtual Reference Library
  - Business & Co. Resource Center
  - Informe (Revistas en Espanol)
  - General Science Collection
  - Kids InfoBits
  - Student Resource Center Junior
  - Student Resource Center Bronze
  - Opposing Viewpoints
  - World Book Encyclopedia
  - New Book of Knowledge
  - Grolier Multimedia Encyclopedia
  - Encyclopedia Americana
  - America the Beautiful
  - Lands and People
  - New Book of Popular Science
  - Newsbank Syracuse Newspapers
  - ProQuest Education Periodicals

<u>Lesson Activity (Detailed Explanation):</u>	<u>Responsibility</u> (L)MS (T)eacher (S)tudent	<u>Needs:</u> Materials Equipment Resources	<u>Student Product and Student Assessment</u>	<u>Standard</u> NYS Learning- NY AASL Literacy-L NETS Tech.-T (write # from list)
Introduce students to the Kids InfoBits database and walk them through steps to finding information about butterflies. (Teacher has pre-selected an article that contains the facts necessary to complete the project.)	L, T	Computer, projector, screen	Students will successfully locate the diagram of the butterfly life cycle.	NY3-1 NY2-2 T5-1 AASL L1-1
Students will read article together, with teacher support	T,S	Computer, projector, screen	Teacher observation of reading	NY3-1

<b>Students will complete diagram of butterfly life cycle, labeling the various stages</b>	<b>S</b>	<b>Paper, pencils, crayons, computer</b>	<b>Student completion of diagram</b>	<b>NY3-1 NY2-2 T5-1</b>
<b>Students will continue to gather information about moths and butterflies so as to be able to complete graphic organizer comparing the two.</b>	<b>S</b>	<b>Note-taking sheet, Pencils, computer</b>	<b>Student completion of notes sheet</b>	<b>NY3-1 NY2-2 T5-1</b>
<b>Students will work in small groups to complete graphic organizer that compares/contrasts butterflies and moths.</b>	<b>S</b>	<b>Blank graphic organizer sheets, notes from previous step, pencils</b>	<b>Student completion of graphic organizer</b>	<b>NY3-1 NY2-2 T5-1</b>
<b>Teacher models using facts from the note sheet to complete a four-square non-fiction essay about butterflies and moths. Students will complete a writing assignment, using vocabulary learned during the butterflies unit. They will include facts gathered during their computer research.</b>	<b>T, S</b>	<b>Computer, projector, blank four-square sheets for students to use for rough drafts, pencils, notes from previous research</b>	<b>Student completion of non-fiction writing piece about butterflies and moths.</b>	<b>NY3-1 NY2-2 T5-1</b>