

Flutter By, Butterfly! Lesson Plan

This technology-based lesson will teach learners the basic characteristics of different types of butterflies. It should be presented after a unit about the life cycle and habitat of butterflies. Learners will use approved Internet sites to locate illustrations and facts about various species of butterflies. Learners will work together and with parent/educator assistance to create a slideshow presentation that combines all of the species of butterflies the learners locate.

Content Standard(s):

SC(2)	6. Identify characteristics of animals, including behavior, size, and body covering
TC2(K-2)	2. Identify applications and operations of various technology systems.
TC2(K-2)	6. Identify uses of technology systems in daily living.
TC2(K-2)	7. Use digital tools to access and retrieve information.
TC2(K-2)	10. Design original works using digital tools.

Primary Learning Objective(s): Learners will create a poster illustrating and describing three facts about a particular species of butterfly. Learners will use information gathered about butterflies to create a slide for a presentation.

Approximate Duration of the Lesson: + 120 Minutes

Materials and Equipment:

Worksheets (see following), crayons, markers, poster board, drawing paper, trade books about butterflies, magazines, encyclopedias

Technology Resources Needed:

Computer with Internet access, publishing software such as MS *Publisher*, presentation software such as MS *PowerPoint*, computer projection device such as LCD projector, CD-ROM with information about butterflies (optional)

Background/Preparation:

Learners should already have a knowledge of butterfly anatomy, life cycles, and habitats before beginning this lesson. The parent/educator will need to assemble a variety of media from which learners can locate illustrations and facts on butterflies. Examples of appropriate media include Internet websites, CDs, magazines, and trade books. It might be helpful for the parent/educator to either have approved Internet websites bookmarked or on the desktop for easy learner access.

Procedures/Activities:

1. The parent/educator will introduce the lesson using the "Flutter By, Butterfly!" presentation (see following handouts).
2. As a review, learners will complete labeling activities to demonstrate what they have learned about the body parts and the life cycle of a butterfly. These labeling activity sheets can be obtained at Enchanted Learning <http://www.enchantedlearning.com/subjects/butterfly/index.shtml> Also, learners will complete the "Butterfly Habitat" activity sheet (see attached handouts) to demonstrate their understanding of butterfly habitats.
3. Each learner will use approved media to locate one species of butterfly and three facts about it. Media emphasis will be on the use

of approved Internet search engines and websites (see attached list). However, use of magazines and books to locate examples of butterfly species is acceptable.

4. Each learner will design a poster that illustrates their chosen butterfly and includes the facts they have found. Posters should be attractive with title prominent and facts listed neatly. Graphics should be included, which could be learner artwork or pictures downloaded from the Internet.
5. Learners will present their posters to the class.
6. Learners will design one PowerPoint slide of their posters using a slide planning sheet (see following handouts enclosed).
7. The class will combine all slides into one slideshow presentation on butterflies. Merging learner slides into one presentation can be done exclusively by the parent/educator, or by the learners with the parent/educator's assistance.
8. The completed class presentation will be viewed by the class.

Assessment Strategies:

This lesson will require three assessments. The first assessment is a parent/educator-made rubric for the learner posters (see handouts enclosed). The second is a parent/educator-made rubric for the learner presentation slides (see handouts enclosed). The third assessment is a parent/educator-made written test to be administered at the end of the lesson (see handouts enclosed).

Extension Activities:

The parent/educator may extend the lesson through the use of literature books on butterflies (see attached list). Other activities could

include having learners, individually or in groups, create a real estate brochure detailing the ideal "home" for a particular butterfly species (see example attached). The brochure should contain habitat facts specific to the butterfly species chosen. In addition, learners can watch videos and complete online quizzes available from APTPlus. <http://www.aptv.org/APTPlus/>

Lesson Plan adapted from http://alex.state.al.us/lesson_view.php?id=16960

Print one for each learner of the following handouts save those marked

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Butterfly Trade Books List*

Making a Poster Rubric

Teacher Resources*

Slide Planning Sheet

Butterfly Habitat Sheet

Making a Brochure

Student Butterfly Rubric

Flutter by Butterfly Assessment

Approved Kidsites

Flutter By Butterfly

Download PPT Presentation:

http://alex.state.al.us/uploads/16960/Flutter_By_Butterfly%5B1%5D.ppt