



10 Minute Learning Activity

Database: SIRS Discoverer

Topic/Subject Area: Butterfly Life Cycle

Grade Level: Grade 3

Essential Question: What are the stages of a butterfly's life cycle?

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Academic Content Standards:

Standard: Life Sciences

Benchmark: A. Differentiate between the life cycles of different plants and animals.

Grade Level Indicator: 1. Compare the life cycles of different animals including birth to adulthood, reproduction and death (e.g., egg-tadpole-frog, egg-caterpillar-chrysalis-butterfly).

Search Steps:

1. Type the URL address www.infohio.org.
2. Select *Resources for Grades K-5* or *Core Collection*.
3. If accessing from home, enter username and password.
4. Choose the *SIRS Discoverer* icon .
5. Select a *Keyword/Natural Language* search and sort by relevance
6. Click on the search box and type *life cycle* and *butterflies*.
7. Click *Search*.
8. Examine the article *Watch a Butterfly Metamorphose Up Close by Raising Caterpillars at Home*.

Additional Comments on Search Process:

1. This database contains full-text articles for young researchers.
2. The reading level (general, easy, moderate, challenging) is identified for all full-text articles.
3. Useful database features include a database tutorial, help page, suggested research topics, pictures, activities, biographies, photo essays and maps of the world.
4. Use the Boolean operators **AND**, **OR**, and **NOT** to refine your search.