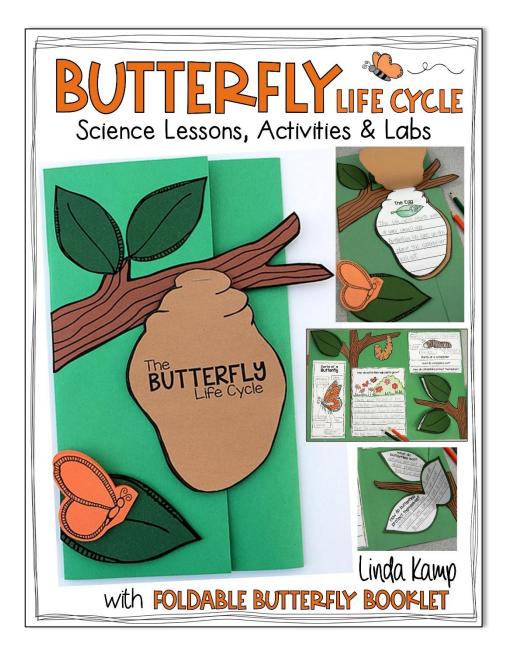
A Complete Butterfly Science Unit





UNIT INCLUDES:

- 8-Lesson teaching PowerPoint
- Detailed, 14-day lesson plan
- 3 Hands-on science labs
- Unit Assessment
- Interactive diagrams
- Butterfly observation journal
- Science-based literacy centers
- Math integration activities
- Vocabulary posters
- Life cycle bulletin board set
- Butterfly booklet writing project

Teaching PowerPoint





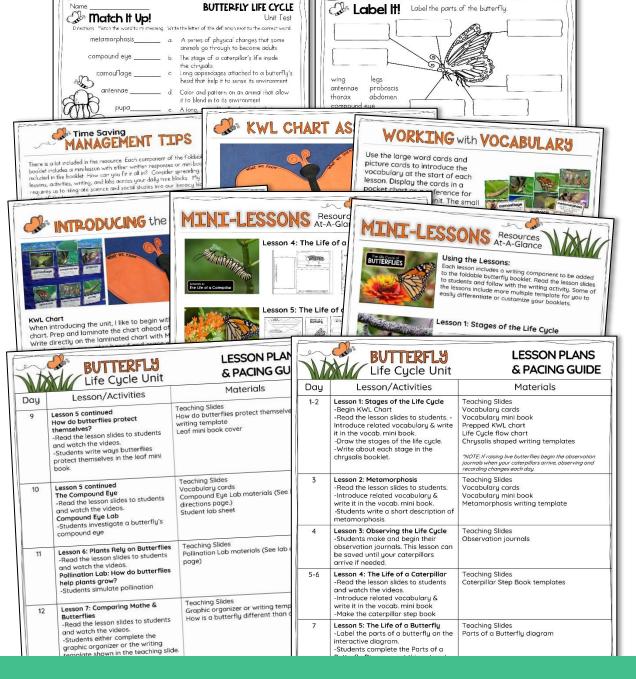
ENGAGING SCIENCE LESSONS

- Stages of the Life Cycle
- Raising Butterflies
- The Life of a Caterpillar
- The Life of a Butterfly
- Adaptations
- Pollination
- Metamorphosis
- The Compound Eye
- Comparing Butterflies
 To Moths

Teaching PowerPoint



Lesson plans & assessment



DAYS OF DETAILED LESSON PLANS including

- Unit pacing guide
- Teacher directions
- Lab materials and procedures
- Management and prep tips

Butterfly science labs





HANDS-ON LABS FOR STUDENTS TO EXPLORE

- Adaptations
- Pollination
- A compound eye
- Parts of a caterpillar
- Parts of a butterfly

Observation journals

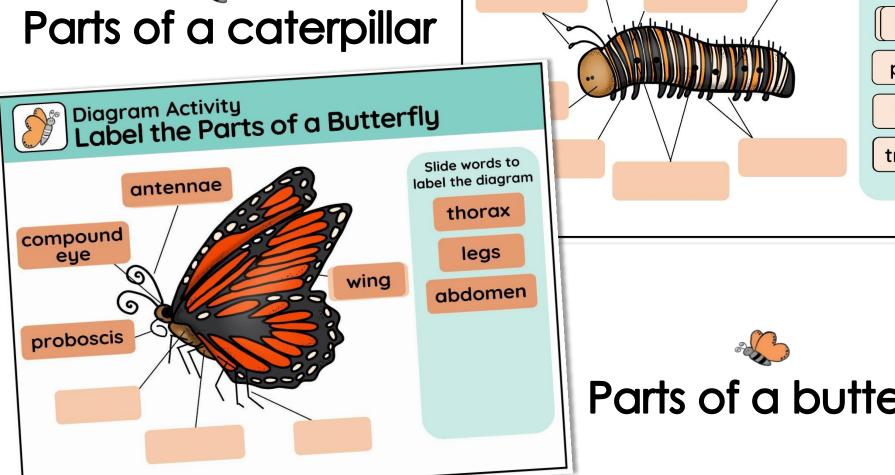


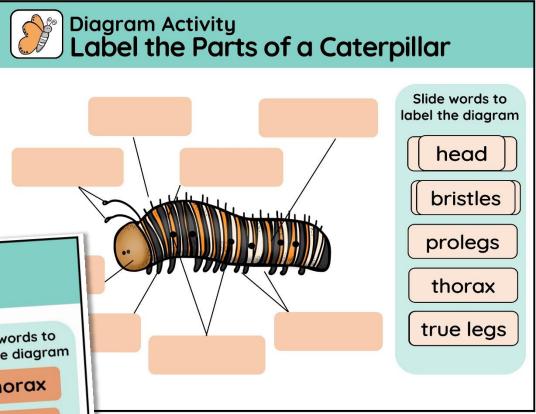


- Caterpillar facts
- How to handle your caterpillars with care
- Word bank to assist students in writing
- Observation recording pages
- 2 Cover options

Interactive diagrams

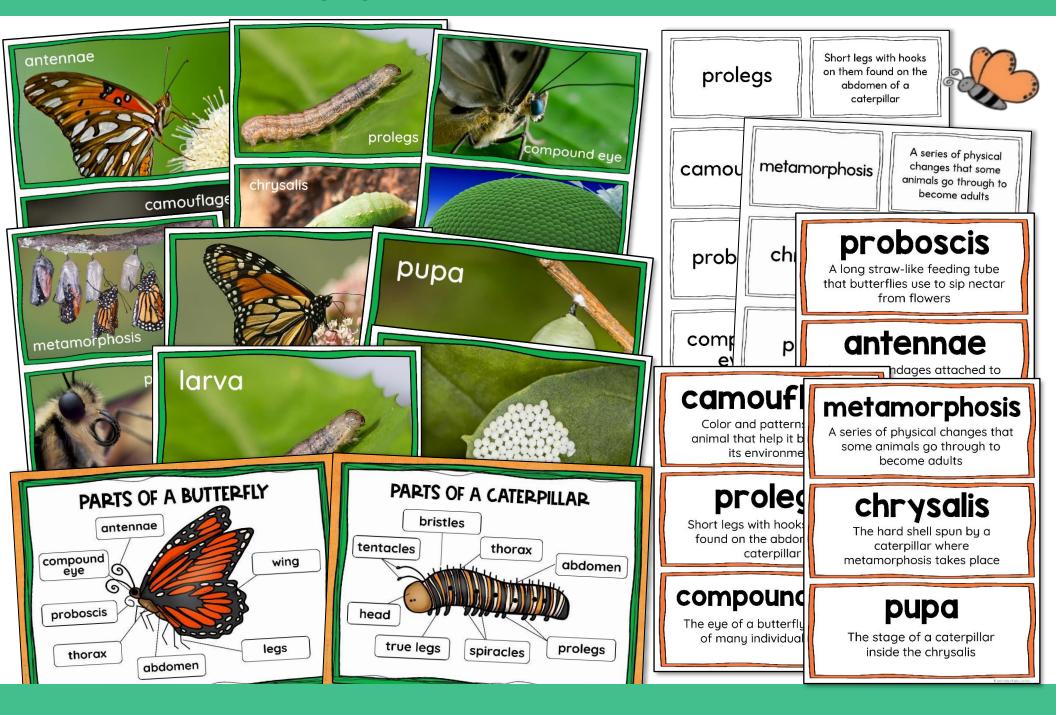
MOVEABLE PIECES TO LABEL:





Parts of a butterfly

Vocabulary posters & cards

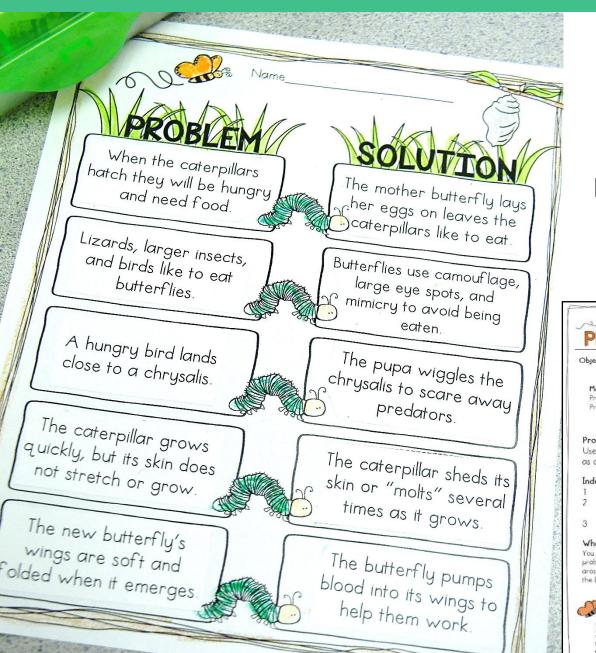


Science-based literacy centers



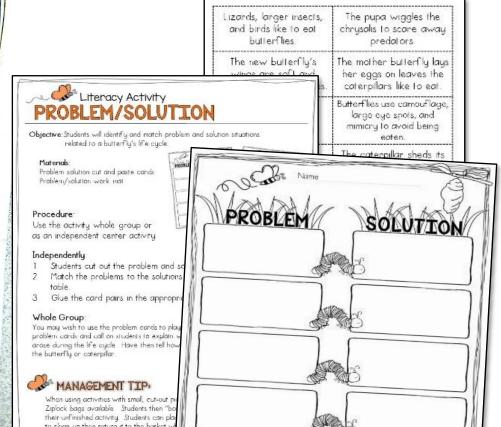
TRUE OR FALSE ROAM THE ROOM OR PLAY SCOOT

Science-based literacy centers



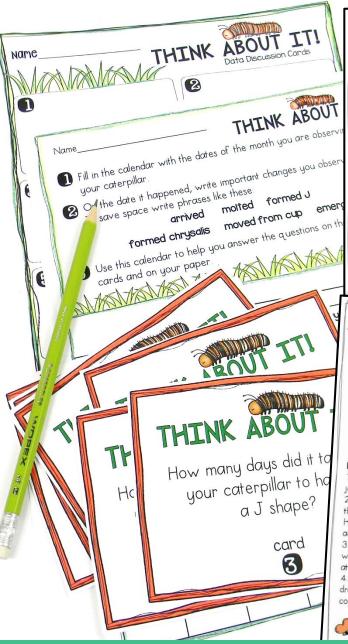


Students read butterfly related problems then match them with solutions



PROBLEM & SOLUTION

Math integration





Objective: Students will add lengths and compare units by measuring the paths that a caterpillar crawls

Materials per student:

garden drawing page student recording pages Write About It math journal page (optional) live caterpillar (optional) *This activity should be closely monitored by the teacher when using live caterpillars



- 1. Give each student a garden drawing page. If using live caterpillars carefully place one on the page. If not using live caterpillars have students draw a small caterpillar on the page then draw 4 paths the caterpillar might crawl.
- 2. As the live caterpillar crawls, have students draw a line from where it started to where it stops. Repeat until students have 4 paths drawn. Carefully place the caterpillar back in its cup.
- 3. Students then estimate and measure the length of the paths with two different units (inches and centimeters).
- Record estimates and measurements on the recording page Students then use their measurements to add, compare, and find differences between the lengths.



to this activity by using the Write

Objective: Students will record the solution to a math problem, along with the strategy and thought process used to arrive at the solution.

Materials per student:

Completed garden drawing page with paths from How Far Did the Caterpillar Crawl? activity -Write About It math journal page -12 x 18 piece of construction paper

Procedure:

- 1. Give each student a Write About It Journal page
- 2. Ask students to explain in writing the steps they took to complete the How Far Did A Caterpillar Crawl?

activity including measuring the paths with two different units.

- 3. Have students be sure to include the solution to their problem as well as with their thought process and the strategy they used to arrive
- 4. Trim the journal page and glue it along with the completed garden drawing page with the caterpillar paths to a 12 x 18 piece of





STUDENTS PRACTICE

CALENDAR SKILLS

MEASUREMENT

ADDITION & SUBTRACTION

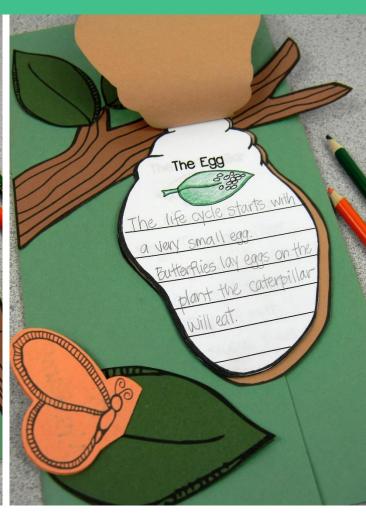
Foldable butterfly booklet



Foldable butterfly booklet







GET YOUR KIDS WRITING ABOUT SCIENCE!

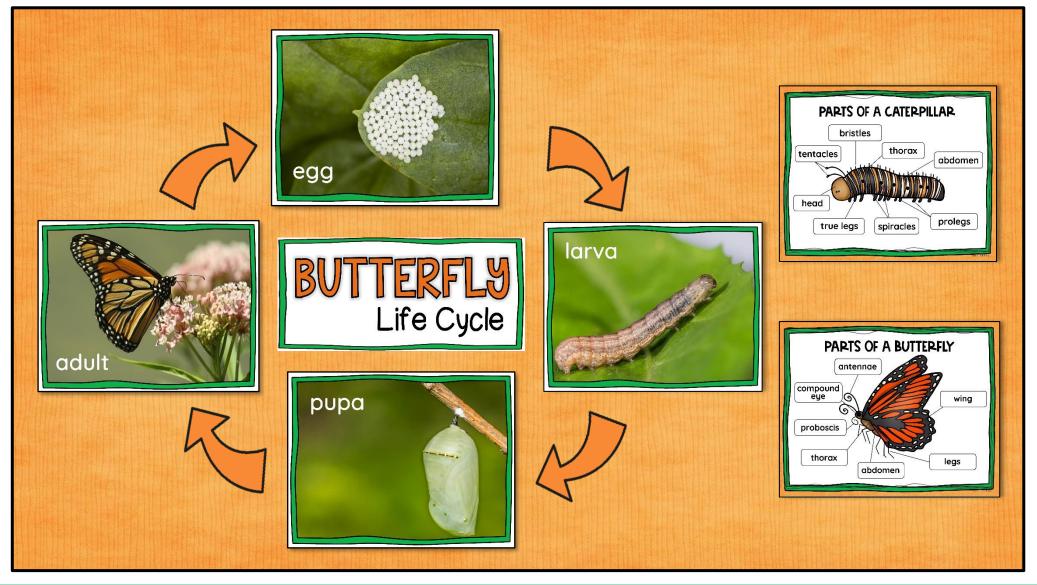
Students complete short written response activities after each lesson to add to the foldable butterfly booklet.

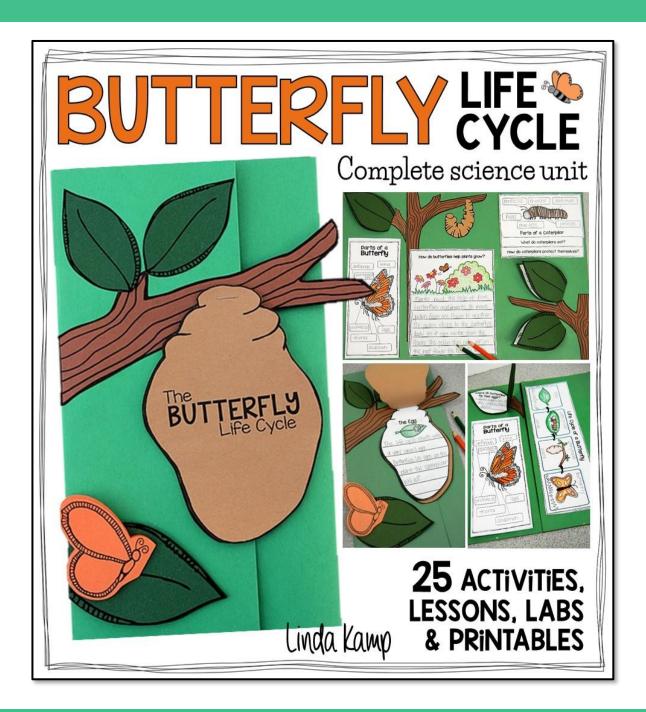
These make ideal learning portfolios!

Bulletin Board Set



Full-page posters & display elements







A complete science unit to learn about the life cycle and raise butterflies in your classroom!

