INCREDIBLE ANIMAL LIFE CYCLES

LIFE CYCLE OF A BUTTERFLY



pogo

Ideas for Parents and Teachers

Pogo Books let children practice reading informational text while introducing them to nonfiction features such as headings, labels, sidebars, maps, and diagrams, as well as a table of contents, glossary, and index.

Carefully leveled text with a strong photo match offers early fluent readers the support they need to succeed.

Before Reading

- "Walk" through the book and point out the various nonfiction features. Ask the student what purpose each feature serves.
- Look at the glossary together. Read and discuss the words.

Read the Book

- Have the child read the book independently.
- Invite him or her to list questions that arise from reading.

After Reading

- Discuss the child's questions. Talk about how he or she might find answers to those questions.
- Prompt the child to think more. Ask: Have you ever seen a butterfly come out of a chrysalis? Would you like to see an incredible event like that again?

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For Review Only

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CHAPTER 1

A NEW BUTTERFLY

Underneath a leaf, something wriggles out of a hard case. Its wings are colorful.



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This new butterfly needs wings to fly from flower to flower. But this insect starts life without wings. It changes as it grows. Each change is one part of the butterfly's incredible life cycle.

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Butterflies begin life as tiny eggs. These eggs are stuck to leaves. Each egg holds a growing caterpillar. A caterpillar is a butterfly **larva**.

A larva chews its way out of an egg when it is ready. Now it has one thing to do. Eat! It eats its eggshell. What else? The plant it grew on, too!



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Caterpillars come in many colors. They can be fuzzy or hairy, spiky or smooth. All have tube-shaped bodies. They move by inching along. They find food so they can grow and change again.

DID YOU KNOW?

Caterpillars have **spinnerets**. These release silk. Caterpillars use silk as a safety line. It keeps them from falling from plants.



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ACTIVITIES & TOOLS

TRY THIS!

BUTTERFLY FLIPBOOK



A flipbook makes drawings come alive. Flipping the pages shows motion or changes. Make one that shows how a butterfly changes in its life cycle.

What You Need:

- sticky notes
- colored pencils or markers
- books or websites showing stages of a butterfly's life cycle

1. **Take a stack of sticky notes. On each note, draw part of a butterfly's life cycle.**
2. **Look through this book to see pictures of different parts of the life cycle. Look in other books or on the Internet for pictures, too.**
3. **Start on the last page of the sticky note pile. Draw the first part of the butterfly's life cycle. Add fun colors and be creative!**
4. **Work your way to the top of the note pile. Draw different stages of the life cycle on each note.**
5. **End at the top note with a butterfly flying away.**
6. **Now flip through your flipbook. Start by showing the bottom page first. Watch as the butterfly changes!**

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