

# Contents

Integrated Theme	Unit	Title ( Subject, Text Type )	Page
Insects	1	What a Change! ( Life Science, Informational Text )	06
	2	Tiny, Big Helpers ( Life Science, Informational Text )	12
Health	3	Get Up and Move! ( Health and Wellness, Informational Text )	18
	4	Nutrients Keep You Going ( Health and Wellness, Expository Text )	24
People	5	A Great Detective ( Literature, Expository Text )	30
	6	Overcoming Disabilities: The Story of Helen Keller ( Social Studies, Biographical Text )	36
Rain	7	After the Rain ( Meteorology, Explanatory Text )	42
	8	Water, Water, Everywhere! ( Physical Science, Explanatory Text )	48

Integrated Theme	Unit	Title ( Subject, Text Type )	Page
Mountains and Seas	9	At the Top of the World ( Social Studies, Informational Text )	54
	10	The Deep Blue Ocean Apartment ( Life Science, Informational Text )	60
To the Rescue	11	Giant Pandas, Are You Okay? ( Social Studies, Expository Text )	66
	12	Hero Dogs ( Social Studies, Informational Text )	72
Into Space	13	Jupiter the Giant ( Earth Science, Informational Text )	78
	14	Day and Night ( Earth Science, Explanatory Text )	84
Math Works	15	3-D Shapes Around You ( Math, Informational Text )	90
	16	To the Moon and Back ( Math, Informational Text )	96
Word Review		Word Quiz, Crossword Puzzle, Secret Word, Word Search	102
Word Dictionary		Parts of Speech & Definitions	112



## OBJECTIVE:

Students will learn about the stages of a butterfly's life.

## What a Change!

## Let's Get Ready!

Which animals are hatched from eggs? ✓  
How many stages are in a butterfly's life cycle?

## ★ NEW WORDS

Listen and repeat the words. Track 02

lay



caterpillar



hatch



chew



shed



chrysalis

## WORD STUDY

Meanings of New Words  
Uses of Words in Context  
Word Expansion: lay

Look at the pictures and choose the correct words. ✓

1



The snake ( stirs | sheds ) its skin several times.

2



A tortoise is ( laying | hatching ) from an egg.

3



A ( caterpillar | butterfly ) eats leaves to get bigger.

Read and write the correct words. ✓

chew    chrysalis    lay

1

The caterpillar made a \_\_\_\_\_.

2

Penguins \_\_\_\_\_ eggs in their nests.

3

I \_\_\_\_\_ food well before I swallow it.

## Word Expansion



v. lay

The alligator **lays** eggs.I **lay** the newspaper on the table.



# What a Change!

Track 03



A butterfly has an interesting life cycle! It changes a lot in its life.

## Stage 1 The Egg

A female butterfly **lays** many eggs on a leaf. Inside each egg, a **caterpillar** starts growing. After a short time, the egg **hatches**. The caterpillar **chews** its way out of the egg.



## Stage 2 The Caterpillar

At first, the caterpillar is tiny. It eats a lot of leaves and gets bigger. It can get 100 times bigger! Its old skin becomes too small for its body. The caterpillar **sheds** its skin four or five times!



## Stage 3 The Chrysalis

The caterpillar grows fully. It makes a **chrysalis** and hides inside **it**. The chrysalis is hard and protects the caterpillar. The caterpillar stays inside and changes into a butterfly.

## READ & SAY!



- What grows inside a butterfly's eggs?
- What does the chrysalis do?

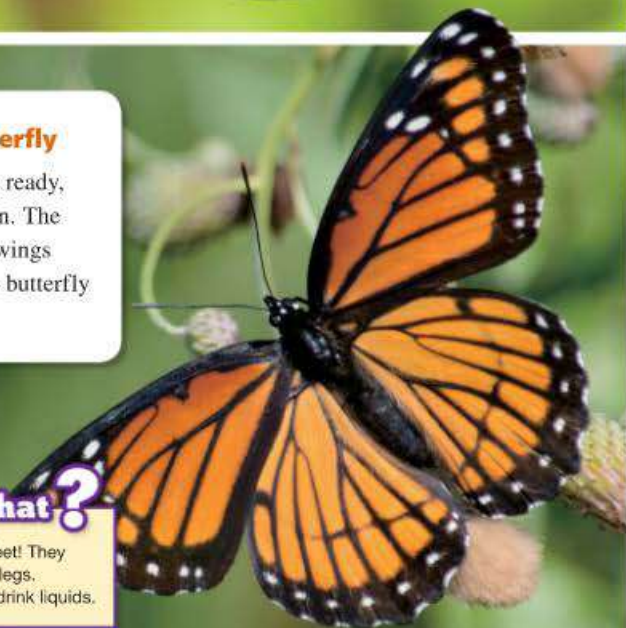


## Stage 4 The Butterfly

When the butterfly is ready, the chrysalis breaks open. The butterfly waits until its wings become dry. Finally, the butterfly is ready to fly off!

## You Know What?

Butterflies taste with their feet! They have taste sensors on their legs. However, their legs cannot drink liquids.



## COMPREHENSION

Read and choose the correct answers. ✓ ↻

- What is the passage mainly about?  
a. how a caterpillar stays inside its chrysalis  
b. what butterflies like to eat  
c. the stages of a butterfly's life cycle
- How does the caterpillar get out of its egg?  
a. by eating its way out   b. by breaking its egg   c. by making its chrysalis
- How many times does the caterpillar shed its skin?  
a. one time   b. four or five times   c. ten times
- What does the butterfly do when its chrysalis breaks open?  
a. It changes into a caterpillar.  
b. It waits until its wings get dry.  
c. It becomes about 100 times bigger.
- Which of the following is **not** true?  
a. The caterpillar gets bigger as it eats a lot of leaves.  
b. The female butterfly lays eggs on a leaf.  
c. The chrysalis is too soft and weak for the caterpillar.
- What does the word "**it**" refer to?  
a. the caterpillar   b. the chrysalis   c. the egg

### WRITE IT!

be ready to

Read the sentence with the phrase "be ready to." Make your own sentence using it.

The butterfly **is ready to** fly off!

Sample answer: The frog is ready to lay eggs.

## PARAGRAPH SKILL

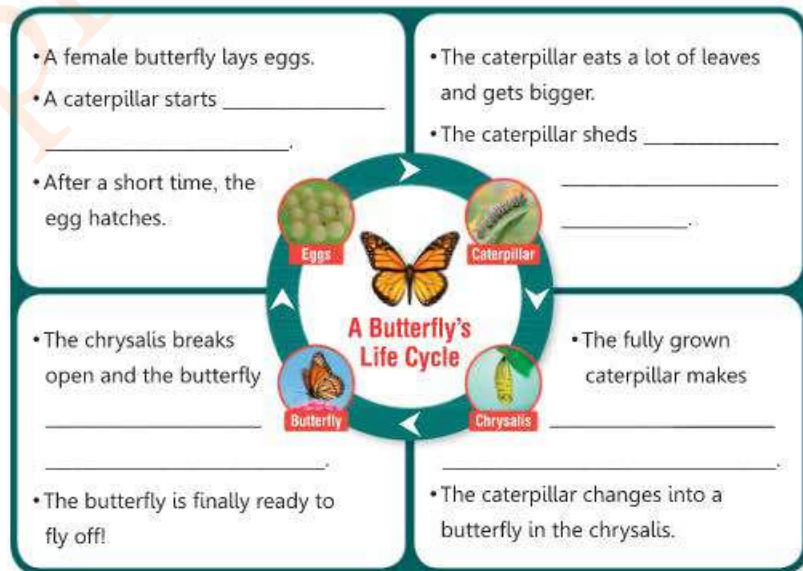
Choose the best place for the sentence. ✓ ↻

It makes a chrysalis and hides inside it.

The caterpillar grows fully. **a** The chrysalis is hard and protects the caterpillar. **b** The caterpillar stays inside and changes into a butterfly. **c**

## ORGANIZE IT! Finding Details

What is the life cycle of a butterfly? Complete the chart. ✓ ↻



waits until its wings are dry  
growing inside each egg

a chrysalis and stays inside  
its skin four or five times