

Monarchs' Long Trip

Ask questions before, during, and after reading to learn more.

3.6.B "generate questions about text before, during, and after reading to deepen understanding and gain information;"

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Read the title first. As you read, write B beside a detail that answers a before-reading question, D beside a detail that makes you ask a during-reading question, and A beside a detail that could lead to an after-reading question.

Monarchs' Long Trip

- ① Each autumn, monarch butterflies leave parts of the United States and Canada as the weather turns cold. Many fly south to mountain forests in central Mexico. These butterflies have never made the trip before. They use the sun's position and an internal body clock to guide their long journey. Some travel more than 2,000 miles, stopping to rest and find nectar from flowers.
- ② At the winter forests, millions of monarchs cluster on oyamel fir trees. A cluster helps butterflies stay warmer on cool days. People protect these forests because the butterflies need safe places to spend the winter. In spring, the monarchs begin flying north. Along the way, they lay eggs on milkweed plants. The caterpillars that hatch eat milkweed leaves before changing into adult butterflies.
- ③ Monarchs cannot finish this cycle without the right habitats. Forests in Mexico give them winter shelter, and milkweed provides food for caterpillars in the United States and Canada. Gardens with native flowering plants can give adult monarchs nectar. Scientists and community members count monarchs each year. Their counts can show whether the population is growing or shrinking and can help people decide how to protect it.

2 ANSWER WITH EVIDENCE _____ Use the passage

- 1** Before reading, what question could the title and topic make you ask? Write a question that the passage answers.

- 2** After paragraph 1, write a question that would help you learn what happens when monarchs reach Mexico. The answer must appear in paragraph 2.

- 3** After paragraph 2, write a question about how people can help monarchs. Your question must be answered in paragraph 3.

- 4** After reading all three paragraphs, write a question whose answer uses both winter forests and milkweed.

3 YOUR TURN _____ Your own words

Write three new questions about the passage: one question to ask before reading, one question to ask after paragraph 1, and one question to ask after reading the whole passage. Ask about three different ideas, and make sure the passage answers each question.

PART 1 • READ AND MARK

Read the title first. As you read, write B beside a detail that answers a before-reading question, D beside a detail that makes you ask a during-reading question, and A beside a detail that could lead to an after-reading question. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Before reading, what question could the title and topic make you ask? Write a question that the passage answers.	Where do monarch butterflies travel in autumn?
2	After paragraph 1, write a question that would help you learn what happens when monarchs reach Mexico. The answer must appear in paragraph 2.	What do monarchs do in the winter forests?
3	After paragraph 2, write a question about how people can help monarchs. Your question must be answered in paragraph 3.	How can people help protect monarchs?
4	After reading all three paragraphs, write a question whose answer uses both winter forests and milkweed.	What habitats do monarchs need to complete their life cycle?

PART 3 • YOUR TURN (SAMPLE ANSWER)

Before: Why do monarchs travel south when autumn comes? During: How do monarchs stay warm in Mexico's winter forests?

After: What can yearly monarch counts show?

Accept other clearly worded questions that fit the requested reading time and can be answered with passage details. For the open task, questions must address three different ideas and be answerable from the text.