Tracking Butterfly Clues

Use source names, key ideas, and details to build useful notes.

4.R.1.D "Develop notes that include important concept, summaries, and identification of information sources."

NAME _____ DATE _____

1 READ AND MARK

Read it twice

YOUR JOB Underline one important concept in each paragraph, circle each source name, and number the details that explain how monarchs are tracked. Use your marks to make organized notes and a short summary.

Following Monarchs

(1) Every fall, millions of eastern monarch butterflies travel from the United States and Canada to mountain forests in central Mexico. Scientists and volunteers study this migration because a butterfly may fly hundreds or even thousands of miles. The nonprofit Monarch Watch gives volunteers tiny, numbered stickers to place carefully on monarch wings. Each sticker has a code that can identify one butterfly.

(2) When a tagged monarch is seen later, a person can report the sticker code, date, and place. These later sightings give scientists evidence about the butterfly's migration route. Journey North collects and maps reports of first monarch sightings and other seasonal signs. Its maps help people notice when monarchs appear in different places. Weather, especially wind and temperature, can affect how quickly monarchs travel.

(3) The Monarch Joint Venture brings together groups that share research and ideas for protecting monarchs. It explains that scientists use many kinds of evidence, not just one report, to understand migration. A careful set of notes can name each source, record an important concept, and give a short summary. For example, notes should connect stickers, sightings, maps, and weather instead of listing unrelated facts.

2 ANSWER WITH EVIDENCE

Use the passage

1. Write one important-concept note from the first paragraph. Add one detail that supports your note.

2. What three information sources are named in the passage?

3. What does the Monarch Joint Venture share?

4. Write a three-sentence summary of how the passage says people learn about monarch migration and use what they learn. Include tracking evidence, a weather effect, and what the Monarch Joint Venture does.

3 YOUR TURN

Your own words

Create a note set with a source label for each of the three sources. For each source, write one important concept and at least two supporting details, then write a 40 to 60 word summary that connects the sources.

SOURCE	IMPORTANT CONCEPT	SUPPORTING DETAILS

ANSWER KEY

Tracking Butterfly Clues

GRADE 4 · 4.R.1.D

PART 1 · READ AND MARK

Underline one important concept in each paragraph, circle each source name, and number the details that explain how monarchs are tracked. Use your marks to make organized notes and a short summary. Accept any marking that follows this job and points at the right text.

PART 2 · ANSWERS

#	QUESTION	ANSWER
1	Write one important-concept note from the first paragraph. Add one detail that supports your note.	**Important concept: Monarch Watch helps track individual monarchs. Supporting detail: Volunteers place tiny, numbered stickers with identifying codes on monarch wings.**
2	What three information sources are named in the passage?	**Monarch Watch, Journey North, and the Monarch Joint Venture.**
3	What does the Monarch Joint Venture share?	**It shares research and ideas for protecting monarchs.**
4	Write a three-sentence summary of how the passage says people learn about monarch migration and use what they learn. Include tracking evidence, a weather effect, and what the Monarch Joint Venture does.	**Monarch Watch gives volunteers tiny numbered stickers, and later sightings that report a sticker's code, date, and place give evidence about a butterfly's migration route. Journey North maps first sightings and other seasonal reports, while wind and temperature can affect how quickly monarchs travel. The Monarch Joint Venture brings groups together to share research and ideas for protecting monarchs.**

PART 3 · YOUR TURN (SAMPLE ANSWER)

Source: Monarch Watch Important concept: Monarch Watch helps identify individual monarchs. Details: Volunteers use tiny numbered stickers. Each sticker has a code. Source: Journey North Important concept: Journey North shows where monarchs appear. Details: It collects first-sighting reports. It maps seasonal signs. Source: Monarch Joint Venture Important concept: The group helps people use migration evidence. Details: It brings groups together. It shares research and ideas for protecting monarchs. Summary: Monarch migration is studied with evidence from tagged butterflies, reported sightings, and maps. Monarch Watch supplies numbered stickers, and later reports show routes. Journey North maps seasonal reports. Wind and temperature can change travel speed. The Monarch Joint Venture shares research and ideas for protecting monarchs.

Accept equivalent main-idea notes and summaries that accurately name the sources and connect sticker codes, later sightings, migration routes, maps, and weather. For the open task, check that all three sources are labeled, each has a concept and two accurate details, and the summary is 40 to 60 words.