# Seed Vault Story

Summarize each section and turn key ideas into simple visuals.

**7.P.EICC.3.d** "Summarize and visualize sections of the text to maintain understanding. (I)"

NAME _____ DATE _____

## 1 READ AND MARK

Read it twice

**YOUR JOB** Number the paragraphs 1 through 3. In the margin, write a 5 to 8 word summary and draw one simple symbol that represents the main idea of each paragraph.

### A Backup for the World's Seeds

1. High above the Arctic Circle, the Svalbard Global Seed Vault is carved into a mountain on the Norwegian island of Spitsbergen. It stores backup copies of crop seeds from seed banks around the world. The vault does not replace local seed banks, which grow, test, and share seeds with farmers. Instead, it protects samples if a collection is damaged by war, disaster, or equipment failure. Its cold location and thick rock help keep seeds frozen for many years.

2. In 2015, the International Center for Agricultural Research in the Dry Areas, often called ICARDA, withdrew seed samples from the vault. Fighting in Syria had made its usual seed bank difficult to use. ICARDA planted the withdrawn seeds at temporary sites in Lebanon and Morocco. Workers grew crops, collected fresh seeds, and rebuilt the collection. In 2017, ICARDA began sending new backup samples to Svalbard. This process showed why a backup collection matters when a research center cannot safely use its original site.

3. Each seed packet at Svalbard is sealed and labeled so scientists can identify the crop and where it came from. The vault holds many kinds of food crops, including grains, beans, and vegetables. Keeping different varieties is important because farmers may need plants that can handle drought, disease, or changing temperatures. A seed sample is not useful only as a stored object. It can help researchers and farmers restore a crop collection or test varieties that may meet future challenges.

## 2 ANSWER WITH EVIDENCE

Use the passage

1. Use your margin note for paragraph 1. What main idea should it state?

2. Use paragraph 2 to write three numbered steps that explain how ICARDA rebuilt its collection.

3. What symbol could represent paragraph 3, and what two details should your sketch show?

4. Write one sentence that summarizes the connection between paragraphs 1 and 2.

## 3 YOUR TURN

Your own words

Create a three-panel visual summary of the passage, with one panel for each paragraph. In each panel, draw a simple sketch and write an 8 to 12 word caption that states the section's main idea.

**ANSWER KEY**

# Seed Vault Story

**GRADE 7 · 7.P.EICC.3.d**

## PART 1 · READ AND MARK

Number the paragraphs 1 through 3. In the margin, write a 5 to 8 word summary and draw one simple symbol that represents the main idea of each paragraph. Accept any marking that follows this job and points at the right text.

## PART 2 · ANSWERS

| # | QUESTION | ANSWER |
|---|---|---|
| 1 | Use your margin note for paragraph 1. What main idea should it state? | **Svalbard protects backup crop seeds from worldwide collections.** |
| 2 | Use paragraph 2 to write three numbered steps that explain how ICARDA rebuilt its collection. | **1. ICARDA withdrew samples from Svalbard. 2. It planted them in Lebanon and Morocco and collected fresh seeds. 3. It sent new backup samples to Svalbard.** |
| 3 | What symbol could represent paragraph 3, and what two details should your sketch show? | **A seed packet growing into plants. The sketch should show that varieties can handle problems such as drought and can restore or test crop collections.** |
| 4 | Write one sentence that summarizes the connection between paragraphs 1 and 2. | **The vault protected ICARDA's seed samples so the center could rebuild its collection after its Syrian site became difficult to use.** |

## PART 3 · YOUR TURN (SAMPLE ANSWER)

Panel 1 sketch: A mountain vault holding labeled seed boxes. Caption: "Svalbard stores backup seeds when local collections face serious danger." Panel 2 sketch: Seeds move from Svalbard to a Lebanon or Morocco field, then fresh seed packets move back to Svalbard. Caption: "ICARDA withdrew seeds, grew replacements, then sent fresh backups to Svalbard." Panel 3 sketch: A seed packet grows into several crop plants labeled drought and disease. Caption: "Stored varieties can help farmers respond to drought, disease, and change."

Accept accurate summaries that state each paragraph's central idea rather than isolated details. In visual responses, accept varied symbols when they show the correct sequence and relationship, including that withdrawn seeds left Svalbard and fresh replacement samples were sent back.