

Name _____

Frigid Effects Answer Key

1. A decline in krill populations in parts of the Southern Ocean.
2. Decreasing sea ice formation during winter.
3. With less sea ice, young krill lose shelter and food sources, which reduces their chances of survival.

Teacher's Guide

- Grades 6 to 8 can underline the effect and circle the cause in the passage before answering.
- Grades 9 to 12 can expand responses with additional scientific reasoning.
- Use this worksheet during lessons on food webs, climate systems, or polar ecosystems.

Differentiation Tips

- Provide vocabulary support for words like invertebrates, decline, and resources.
- Allow students to annotate in pairs before writing their answers.
- Offer a simplified explanation of sea ice formation for learners who need additional support.

Engagement Ideas

- Show students an image of a krill swarm to build interest in their importance.
- Begin with a class question: What happens if the bottom of a food web starts to disappear
- Prompt students to predict other possible effects before reading the passage.