



Science Toolkit: Grade 6 Objective 3.F.1.c

Student Handout: Science: Grade 6 Objective 3.F.1.c

Standard 3.0 Life Science

Topic F. Ecology

Indicator 1. Give reasons supporting the fact that the number of organisms an environment can support depends on the physical conditions and resources available.

Objective c. Explain that within any environment organisms with similar needs may compete with one another for resources.

Selected Response (SR) Item

Question

Clams, oysters, and mussels eat plankton filtered from water.

How would clams, oysters, and mussels most likely be affected if the amount of plankton in a large body of water was significantly reduced?

- A. They would increase in number.
- B. They would find a new food source.
- C. They would become prey to other animals.
- D. They would compete for a limited food source.

Correct Answer

D. They would compete for a limited food source.

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