

### ACTIVITY 3:

1. Small organisms that eat and break down dead things are called:

**A:** producers      **B:** omnivores      **C:** consumers      **D:** decomposers

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2. Which of the following is a biotic factor?

**A:** Temperature      **B:** Fungi      **C:** Water      **D:** Sunlight

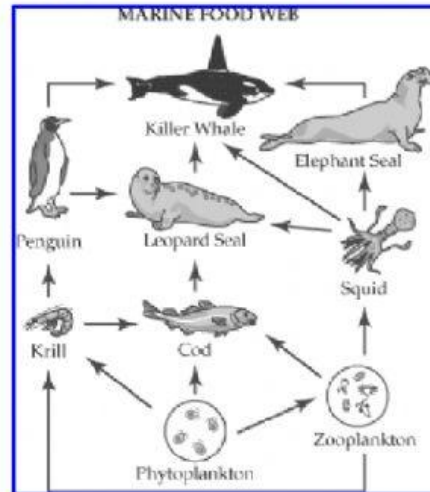
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3. How does energy move in the food web picture?

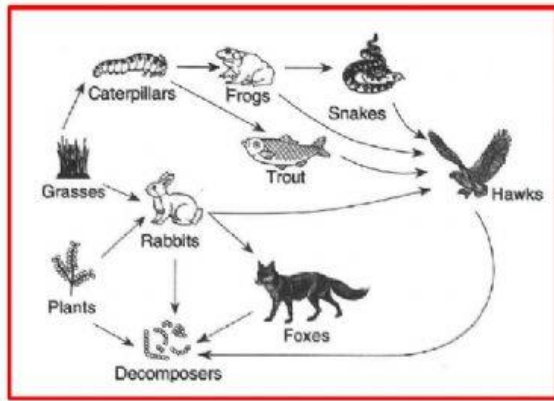
**A:** from cod to phytoplankton

**B:** from zooplankton to squid

**C:** from elephant seal to squid



4.



Which example below best represents a food chain?

A: grasses → rabbits → hawk

B: hawks → foxes → grasses

C: decomposers → plants → rabbits

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5.



Which of the following best describes what the picture is showing?

- A: water pollution due to discharges from freighters
- B: negative human impact on a marine environment
- C: the natural erosion of soil over a long period of time
- D: the recycling process of plastic bottles and containers

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6. Which of the following processes is most likely to occur after land has been cleared of its trees?

- A:** Soil erosion      **B:** Air pollution      **C:** Water Pollution      **D:** Changes in the flow of water

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7. Classify each word below as a physical property or a physical change.

DRAG & DROP THE ANSWER

Crack
Bend
Mass
Volume
Color
Hardness
Density
Boil

Physical Property	Physical Change

8. What is matter?

- |   |  |
|---|--|
| <b>A:</b> Anything that has mass and volume | <b>B:</b> How much an object weighs        |
| <b>C:</b> The amount of energy in an object | <b>D:</b> The number of atoms in an object |

9. Which of the following is NOT an example of matter?

- A: Dog      B: Light      C: Chromebook      D: Chair
- =====

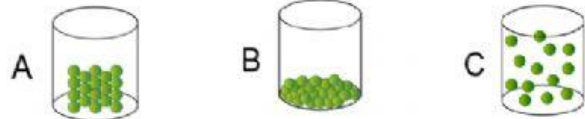
10. What does the law of conservation of mass state?

- A: Matter cannot be created nor destroyed      B: Matter can be destroyed, only  
C: Matter can be created or destroyed      D: Matter can be created, only
- =====

11. Use the following image to answer the questions:  
States of Matter:

What picture shows the particles of a solid?

- A:      B:      C:      D:
- =====



12. Which of the following descriptions best describe a liquid.

- A: Takes the shape and volume of its container  
B: matter is made of atoms so tightly packed together that they cannot move around  
C: has a definite volume, but takes the shape of its container?
- =====



13. Which of the following best describes a solid?

A: matter that can be changed to a different form      B: takes the shape and volume of its container

C: Matter that has a shape of its own AND a volume of its own

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14.

Which picture shows how the particles in a gas are arranged?

**A:** A

**B:** B

**C:** C



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15. Which of the following descriptions best describes a gas?

**A:** has a definite volume, but takes the shape of its container?

**B:** takes the shape and volume of its container

**C:** matter is made of atoms so tightly packed together that they cannot move around

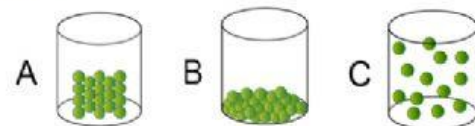
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16: Which picture shows how the particles in a liquid are arranged?

**A:** A

**B:** B

**C:** C



17. Matter can change states by

**A:** Adding Heat only

**B:** Releasing Heat only

**C:** Adding and/or Releasing Heat

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18. What is the term for turning a solid directly into a gas?

**A:** deposition

**B:** sublimation

**C:** condensation

**D:** boiling

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