

# Understanding Freezing: From Liquid to Solid

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## Review Questions for 3rd Grade Science

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Answer the following questions about freezing and the states of matter.

1. What happens to water molecules when they get cold?
  - A. They move faster
  - B. They slow down and get closer together
  - C. They disappear
2. Water freezes at \_\_\_\_ degrees Fahrenheit.
3. Why is it important to observe the freezing process carefully?

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4. What is freezing?
  - A. When a solid turns into a liquid
  - B. When a liquid turns into a solid
  - C. When gas turns into a liquid

5. Match the term to its meaning.

Freezing

Energy that makes molecules move quickly

Heat

The process of a liquid becoming a solid

6. Removing heat energy causes liquids to become \_\_\_\_.
7. What is the temperature at which water freezes?
  - A. 0°F
  - B. 32°F
  - C. 100°F
8. What do we learn about God's control from the freezing process?

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9. Removing heat makes molecules move faster.

True

False

10. Have you ever seen water turn to ice? Describe what you saw.

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### Answer Key

1. They slow down and get closer together 2. 32 3. It helps us understand how matter changes and develop patience. 4. When a liquid turns into a solid 5. The process of a liquid becoming a solid 6. solids 7. 32°F 8. We learn that God controls natural processes like freezing and has power over matter. 9. False 10. Yes, I saw water in a glass freeze into ice cubes. It took some time, and the water became solid.

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