

# VIDEO: PHASES OF MATTER

1. While you watch the video, list at least 3 examples of substances that go through a phase change.
2. What are the 3 phases of matter?
3. The only difference between liquid steel and solid steel is \_\_\_\_\_.
4. What does liquid water turn into when heat is added?
5. Where does heat energy from the freezer go?
6. The temperature of liquid nitrogen is \_\_\_\_\_ degrees Celsius and is in the \_\_\_\_\_ phase at room temperature.
7. \_\_\_\_\_ occurs when there is no molecule movement at all. This will never happen on Earth.
8. Molecules in a solid phase move \_\_\_\_\_, molecules in a liquid phase move \_\_\_\_\_, and molecules in a gas phase move \_\_\_\_\_.
9. Why can you pour carbon dioxide gas?
10. Gases and liquids take the shape of their container, but solids \_\_\_\_\_.