

Name \_\_\_\_\_ period \_\_\_\_\_

## 6<sup>th</sup> Grade Do Now

**SCI.6.9A** Investigate methods of thermal energy transfer including conduction, convection, and radiation.

**SCI.6.9B** Verify through investigations that thermal energy moves in a predictable pattern from warmer to cooler until all the substances attain the same temperature such as an ice cube melting.

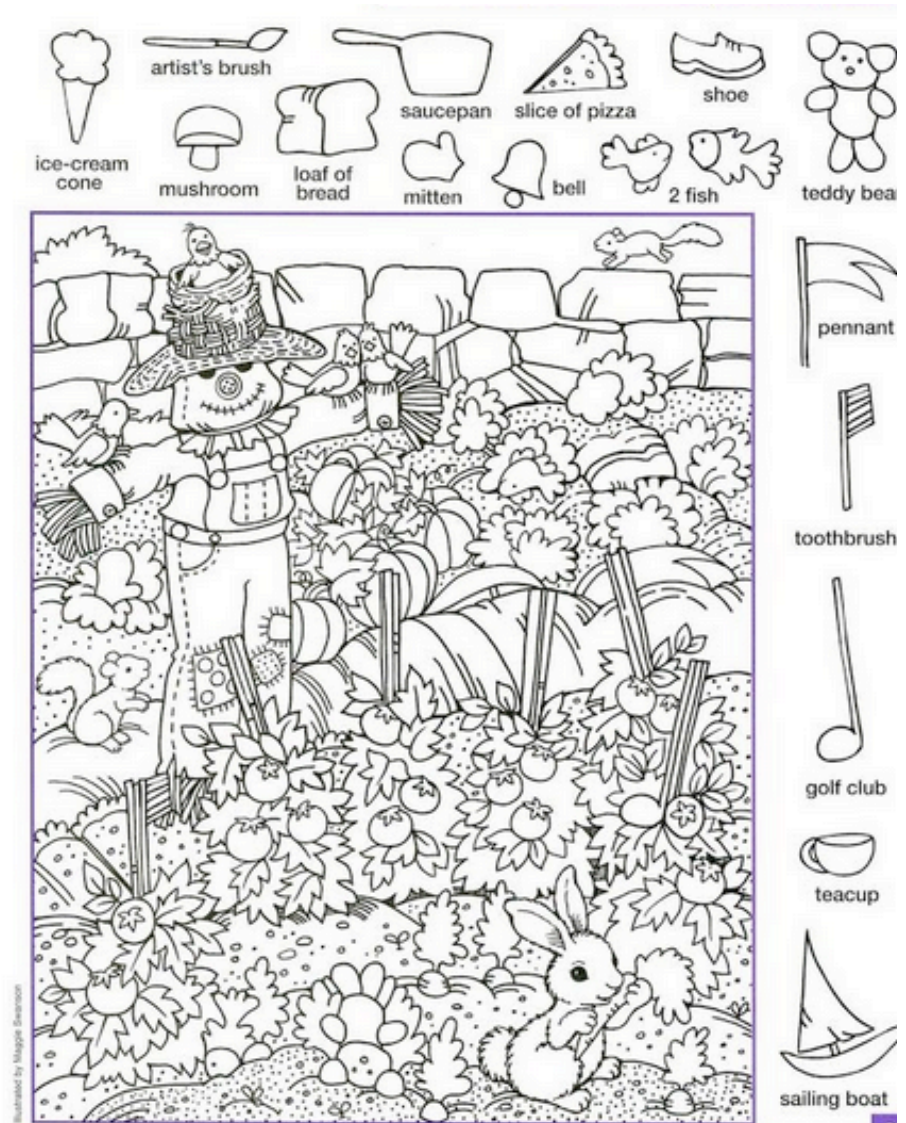
Monday Date \_\_\_\_\_

What are the three states of matter?

Tuesday Date \_\_\_\_\_

How is a substance's thermal energy measured?

- A. By counting the number of particles in the substance
- B. By measuring how fast the particles are moving
- C. By measuring its temperature
- D. By touching it



Wednesday Date \_\_\_\_\_

Finish the following sentence:

Heat energy always transfers from \_\_\_\_\_

Thursday Date \_\_\_\_\_

Conduction is -

- A. The transfer of heat through direct contact
- B. The transfer of heat by the movement of warmed matter.
- C. The transfer of heat by electromagnetic waves.
- D. The transfer of chemical energy to light energy

Friday \_\_\_\_\_

Convection is -

- A. The transfer of heat through direct contact
- B. The transfer of heat by the movement of warmed matter.
- C. The transfer of heat by electromagnetic waves.
- D. The transfer of chemical energy to light energy



Can you see a young lady or an old lady? Or both?

