Name Period Date

**6th Grade Physical Science Survey**

**For each set of statements, place a check next to the statements that apply to you. Then fill in the demonstration of understanding for each set of statements.**

I know how the particles (atoms) in solids are arranged.

I know which of the states of matter has particles that are moving the slowest.

I can tell which of the three states of matter have a definite shape.

I can tell which of the three states of matter have a definite volume.

***Demonstrate your understanding of one of the statements that you marked by giving some detailed information about that topic.***

I can define at least one of these terms: evaporation, vaporization, sublimation.

I know the name of the change of state that happens when a solid becomes a liquid.

I know the name(s) of the change of state that happens when a liquid becomes a gas.

I know the name of the change of state that happens when a liquid becomes a solid.

***Demonstrate your understanding of one of the statements you marked by giving some detailed information about that topic.***

I know how scientists define temperature.

I know what kinetic energy is.

I know what happens to the total (thermal) energy when the amount of matter changes.

I know that energy can be changed from one form to another.

I know which way heat travels when a cold object touches a hot object.

***Demonstrate your understanding of one of the statements you marked by giving some detailed information about that topic.***