Investigation 4 -

4.1 FQ - p 30

What happens to particles in a sample of air when the air is heated and cooled?

p. 31 - Heating and Cooling Air ws
4.1 vocab - p 32

**contract** - to decrease volume

**contraction** - the reduction of volume of a sample of matter as a result of cooling

**kinetic energy** - energy of motion

**temperature** - a measure of how hot or cold something is; average kinetic energy of the particles in a substance

**thermometer** - an instrument used to measure temperature

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4.2 FQ - p. 33

What happens to particles in a sample of liquid when the liquid is heated and cooled
4.3 FQ - p. 35

What happens to particles in a sample of solid when the solid is heated and cooled?
p. 36 - Response sheet 4

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