

Name: _____

Date: _____

Heat and the Environment: Unit Check-In

Assignment	Due	Have I handed it in?
Lesson 1: Paint for the Planet Assignment <i>Artistic representation of climate change</i>	May 13	
Lesson 2: Forms of Energy Comic <i>Comic strip showing types of energy</i>	May 14	
Lesson 3: Energy Transformation Concept Map <i>A look at how energy can be transformed</i>	May 15	
Lesson 4: Heat Flow Clothing <i>A design for climate-controlled clothing</i>	May 21	
Lesson 5: Heats Effect on State Skits <i>Particle Theory Skits</i>	May 22	
Lesson 6: Melting Away Lab <i>Lab report sheet</i>	May 23	
Lesson 7: Conduction, Convention, Radiation Posters <i>Poster showing one type of heat glow</i>	May 26	

Our Unit Check-in Quiz will be on: _____**Key Ideas:**

- ☐ There are different forms of energy, divided into potential (stored) and kinetic (moving) energy.
- ☐ Thermal energy is the total energy of all the moving particles in a solid, liquid or gas. *The more moving particles, the greater the thermal energy*
- ☐ Energy can be transformed from one type of energy to another. For example, chemical energy from food can be transformed into thermal energy to help heat our bodies.
- ☐ Insulators keep heat in, conductors allow heat to flow.
- ☐ Climate change is altering the weather and seasonal temperatures around the world.
- ☐ Particle Theory plays an important role in heat flow and changes of state