**Feel the heat**

**Benchmarks:**

SC.7.P.11.4: Observe and describe that heat flows in predictable ways, moving from warmer objects to cooler ones until they reach the same temperature

SC.7.P.11.1 Recognize that adding heat to or removing heat from a system may result in a temperature change and possibly a change of state

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| **4** | I am able to use data to prove that adding heat to or removing heat from a system may result in a temperature change and possibly a change in state. | |
| **3** | I am able to relate that adding heat to or removing heat from a system may result in a temperature change and possibly a change in state. | |
| **2** | I can **define:**  \_\_\_\_ Degree  \_\_\_\_ Thermometer  \_\_\_\_ Solid  \_\_\_\_ Liquid  \_\_\_\_ Gas  \_\_\_\_ Melting  \_\_\_\_ Freezing  \_\_\_\_ Condensing  \_\_\_\_ Evaporations | \_\_\_\_\_\_\_I am able to recognize that adding heat to a substance results in a temperature change |
| I can **define:**  \_\_\_\_ thermal energy  \_\_\_\_ Temperature  \_\_\_\_ Heat  \_\_\_\_ Conduction  \_\_\_\_ Convection  \_\_\_\_ Radiation  \_\_\_\_ Change of state | \_\_\_\_ I am able to recognize that heat flows from a hot object to a cold object and that heat flow may cause materials to change temperature |
| **1** | With help, students are able to have partial success with 2.0 content. | |

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