How do **Temperature** and **Volume** relate?

(PHET SIMULATION)

1. Make a prediction about what might be observed when the hotplate is turned on to a level of 8 on the heat dial.
2. Turn the heat dial to 8.
3. Describe what happens.
4. Draw a before and after with at least ten gas particles drawn.
5. Have the number of gas particles inside the balloon and flask change?
6. Describe what the relationship between Temperature and Volume is.