

## **Station 1: Where is the air warmest?**

- Take temperature readings at different heights around the heater. Keep the temperature probe the same distance away each time. Record the distance between the probe and the heater and the temperature at each point. Think about why what you see is happening.

## **Station 2: Comparing drink containers – set up on white board**

- Each drink was the same temperature at the start and the same volume of liquid was used. The difference is that one container has a lid and the other one does not. Record how long the experiment has been running and the temperature of the drink in each container. Add your results to those of the rest of the class to see how the temperature in the two containers varies over time and think about what is happening to the particles.

### **Station 3: Snakes**

- Describe how the foil snake behaves when it is above the heat source.