Lab Sheet: Chilly Balloon

Materials needed	• balloons • string • freezer
Hypothesis – what do you think will happen?	
Procedure	1. Inflate a balloon and tie a string around the middle of the balloon snug enough that it stays on, but not so tightly that it changes the shape of the balloon. This will help you measure the size of the balloon. 2. Place the balloon in the freezer for approximately 10 to 15 minutes. 3. After 10 to 15 minutes, remove the balloon from the freezer and record your observations. 4. Leave the balloon at room temperature and record what happens.

Lab Sheet: Chilly Balloon

Obervations *Remember observations can be recorded with pictures, numbers and/or words!	What happened to the balloon? Is the string still around the middle? What happened when you left the balloon at room temperature?
Conclusions	

Follow-up questions

What happens to particles when they are heated? Cooled?

How does the particle theory of matter explain the behaviours of particles at different temperatures?