

Name:

Date:

STATES OF MATTER

Activity 6

Let's investigate liquid water again.

A) You need

- Two identical small jars



- A fridge



- Drop counter



- Hot water



- Food colouring



- A spoon



B) Instructions and diagrams:

1. Use the hot water from activity 5 to fill 2 identical small jars (both exactly the same!) and with the same amount of water.
2. Leave one jar in the fridge for 40 minutes. After the 40 minutes, leave it next to the other jar.
3. Put 2 drops of food colouring in each jar using a drop counter from the same distance and at the same moment.

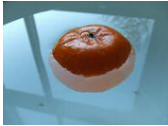
Diagram		
1 st step	2 nd step	3 rd step

C) What happened? _____

Name:

Date:

D) Why did it happen? _____



Activity 6

- C) - The food colouring drops in the cold water moved *slower/faster* that the food colouring drops in the hot water.
- D) - It happened because of the *increase/decrease* in temperature.