

PHYSICAL SCIENCES
GRADE 11 CHEMISTRY FORMAL/PREScribed EXPERIMENT
WRITE-UP

75

Name: _____ School: _____ Gr _____

Intermolecular forces

Instructions:

- a) Attach your data recording sheet to your answer sheet.
- b) Use a separate piece of paper to write down the answers in this instruction sheet.

1. What is the **aim** of the experiment? (2)

2. Write down a **hypothesis** for each part of the experiment. (8)

- Evaporation
- Surface tension
- Solubility
- Boiling point

3. Copy and complete the following table. Identify the **variables** for each part of the experiment.

(12)

Practical part	Independent variable	Dependent variable	Constant variable(s)
Evaporation			
Surface tension			
Boiling point			
Solubility			

4. Briefly write down the **method** followed in each part (part 1 – 4) of the experiment. (8)

5. Name and explain any **safety precautions** needed during the performing of this experiment. (2)

6. Suggest ways to improve the capturing of more and **reliable** results in the different parts of the experiment. (2)

7. **Recording** of results were done on your data recording sheet. Use the information recorded on your data recording sheet to answer the questions that follow.

Grade 11 Experiment 2

Mike Jess



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