## Narrogin SHS Year 11 ATAR CHEMISTRY

Name: Solutions

Task No:

10

Fincel

Task Type:

Science Inquiry: Practical

Content:

Intermolecular forces

Task Description:

Compare the strength of intermolecular forces.

Write a laboratory report.

1 period in class only

Total Marks:

10

Weighting:

6.25%

Due Date:

Monday 6 September 2021

Aim Discusses how to determine the (Mark)
relationship between intermolecular
bording and evaporation living point
(neat of vaporisation)

Equipment and Procedure

No marks awarded for copied items
from the STAWA lab sheet.

The who the thermoneter are used in
the activity. It is solution temp.

Attemp

Attemp

Attemp

Attemp

Tabelled diagram (2) make only.

Results (Graph paper on back page) Table - () -ruled, titled (Table 1: Independent)
- units - types - histogram - indusoleral clemicals - 1 the - noteceder morr - ruled, latelled + titled. -linking vandmes" The heat of vaporisation is affected by the internolecular sound strengths between nolecules -The higher the net policity of the noteable, the higher the heat of vaporisation. · This is due to the amount of eregy needed to disript the internolocular bondly causing a to phase change - endothermit ixn. As the notecules get larger, the degree of dispession gets large, hence resulting in He shoreese of everyy regulated for a phasechye. C As the relecules get large, the amount of differsions intermelecular banding charases, hence the charase in theat of vaportation.