

Does water expand or contract when it freezes?

Name: _____

Date: _____

Devise an experiment that will prove that water expands when it is frozen. The experimental write-up should include a statement of purpose, question, hypothesis, list of materials, a detailed procedure, observations/results, and conclusion.

Statement of Purpose

Question

Hypothesis

List of Materials

Detailed Procedure

Observations

Results

Conclusion

3.4

Does water expand or contract when it freezes?

STUDENT'S NAME:

SCORING RUBRIC	No = 0	Attempted = 1	Yes = 2
Purpose is stated clearly.			
A testable / measurable question is asked.			
Hypothesis or prediction is clearly stated with reference to supporting reasons.			
Materials list is complete.			
Procedure is detailed enough for someone else to follow and achieve the same results.			
Observations and results (including measurements) are thorough and accurate.			
Total Points /14			