



08. When Dumplings Rise

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Reporter's Theory - Pros & Cons

1. Included pictures
2. Defined the phenomenon

1. Theory was after the experiment mid-presentation
2. No parameters explained
3. Did not explain the equations
4. The theory was inefficient
5. We needed more theory about Archimedes law

Hypotheses & Experiment - Pros & Cons

1. Good experimental design & process
2. Method explained
3. Included graphs

1. Did not include possible errors
2. Crammed conclusions
3. The conclusions were contradicting (salinity of the water)
4. Repeatability of experiments wasn't enough (3 times)
5. Did not explain the size of the dumplings
6. Did not include hypotheses at all

Suggestions for further improvement

1. Measure the dumpling size correctly
2. Repeat your experiments more times
3. Add errors and error bars
4. Make your conclusions correlate

Topics for discussion

1. Salinity of the water
2. Size of the dumplings measuring
3. Errors and error bars
4. Fillings
5. Temperature control

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Thank You!

Greece - Team Fryganiotis

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