

Completed student worksheet for testing CO₂ hypothesis

Experiment Design

Student Test for Variable # 1

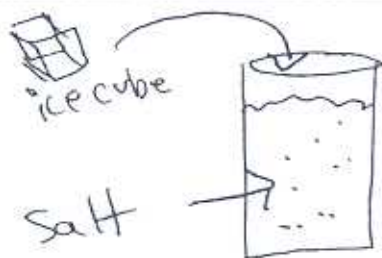
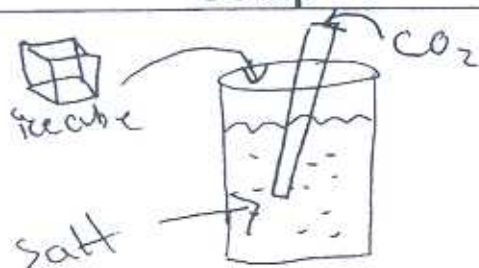
What will you test? CO₂

HYPOTHESIS:

If CO₂ is the important variable,
 then changing if there's CO₂
 will affect the ice melting speed.

Setup #1

Setup #2



Predictions: Based on the teacher demonstration, if this is the important variable, what should happen?

ice will melt slower

ice will melt faster

Results: Based on your experiment, what did happen?

ice melted slowly

ice melted slowly

Do your predictions match your results?

yes

no

Is this the important variable?

no