

Completed student worksheet for testing salt hypothesis

Experiment Design

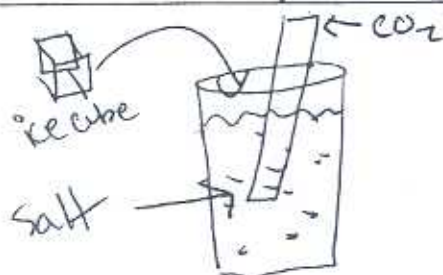
Student Test for Variable # 2

What will you test? Salt

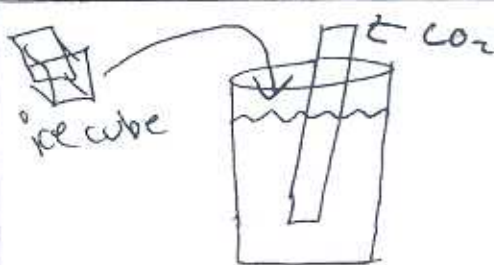
HYPOTHESIS:

If salt is the important variable,
 then changing if there's salt
 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 slowly

ice will melt faster

Results: Based on *your experiment*, what did happen?

ice melted slowly

ice melted faster

Do your predictions match your results?

yes

yes

Is this the important variable?

yes!