

Name _____ Date _____



What's the Matter with My Jell-O? Thinksheet



Begin with a Question: *What is the effect of _____ on the phase change of Jell-O?*
(name of treatment)

Think It Through: What I know about...

Jell-O	My Treatment (_____)

Hypothesis: _____ will cause my Jell-O to phase change
(name of treatment)
_____ because _____
(faster, slower, incompletely, not at all)

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*What's the Matter with My Jell-O?
Thinksheet
(continued)*



Design a Test: Consider the following variables in this experiment.

Control

- same amount of Jell-O in each cup
- same flavor of Jell-O in each cup
- all cups are the same size
- one cup is made normally for comparison

Treatment

List your treatment variable below.

Think of ways you can use your straw to test the control and treatment Jell-O.
List your ideas below.

Do an Experiment: Use your Data Sheet for writing observations.

Make Some Sense of It:

1) Review your Thinksheet and Data Sheet(s).

2) Complete this sentence: I accept/reject (circle one) my original

hypothesis because _____

(Use your Data Sheet for support.)

3) Write a new hypothesis.

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What's the Matter with My Jell-O? Data Sheet



Directions: Use your straw and your senses to record observations before, during, and after refrigeration. Use the tests listed below and/or come up with your own.

Density test: Does the straw stand up (higher density) or fall over (lower density) when placed into the Jell-O?

Pressure test: If the straw is dropped into the cup, is there enough pressure to penetrate the surface of the Jell-O? Note: To be fair, drop the straw from the same height each time.

Slurp test: Will the Jell-O go up the straw?

Question: What is the effect of _____ on the phase change of Jell-O?
(name of treatment)

	Control	Treatment (_____)
Before		
During		
After		