

ENGINEERING DESIGN PROCESS

Disappearing Ice Cubes

1. Title of Experiment

2. Hypothesis (Which ice cube do you think will melt the fastest? The slowest?)

3. Draw a Picture of your Experiment (Be sure to label each cup with the correct powder.)

Disappearing Ice Cubes

4. Data Collection/Observations (What did you notice was happening to the ice?)

5. Results (List the powders in order from the fastest to melt to the slowest to melt.)

6. Analysis/Answer Questions

Which powder melted ice the fastest?

Was your hypothesis correct?

Why do you think this powder melted ice the fastest?

In the winter when it is icy, we put salt on the roads so cars do not slide. How does your experiment help to explain why we do this?

How could you redo your experiment and make it more scientific?)