# Keep/Melt a Cube Student worksheet

Name: Date:

Name as many external factors as you can think of that might increase the melting rate of an ice cube or prolong the lifespan of an ice cube.

## Hypothesis:

Every scientist must form a hypothesis before he/she conducts an experiment. The hypothesis helps the scientist to design the experiment effectively.

1. List some materials available to you that might act as good insulators of heat.
2. List some of the materials available to you that might act as good conductors of heat.

## Results:

In the table below list some of the materials that you tested as insulators and conductors. Be sure to comment on if you were correct in your hypothesis of the material.

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| --- | --- | --- |
| **Material** | **Hypothesis of material (Insulator or conductor)** | **How does the material behave? (Insulator or conductor)** |
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