**Teacher Key**

**Building Structures that Prevent Ice from Melting!**

Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Data:

1. Data

Temperature of cup of ice Temperature of cup of ice

under the sunlight under your structure

|  |  |
| --- | --- |
| Temperatures will vary °F | Temperatures will vary °F |

2. Design the structure that you want to build!

|  |
| --- |
| Answers may vary. The structure should provide shade for the ice. |

3. Draw the structure you have built!

|  |
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| Answers may vary. |

4. Did your structure help slow down the ice from melting? Why or why not?

Answers may vary. Students should see that the structure helped slow down the ice from melting because the shade prevents the sun from directly heating the ice. The shade provides a cooler area that helps the ice melt slower.