

Discover: Sixth Grade Unfield Trip



Join the Amazeum for an Unfield Trip!

Your Discover Unfield Trip starts here! Watch this [orientation video](#) for tips on how to utilize Discover with your students.

Exhibit Dive: Nature Valley Water Amazements

Start your Virtual Unfield Trip by watching this video about the [Nature Valley Water Amazements](#), [Nature Valley Asombros de Agua](#) exhibit at the Scott Family Amazeum.



Discuss and/or write down:

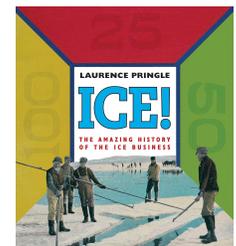
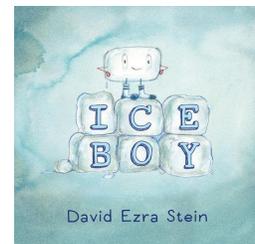
What did you notice?

What do you wonder?

Have you seen anything like this before?

Literacy Connection

After watching the exhibit video, read *Ice Boy* by David Ezra Stein, *Ice!: The Amazing History of the Ice Business* by Laurence P. Pringle, or *What Happens When an Ice Cap Melts?* by Angela Royston.



Discuss and/or write down:

Describe ice. How is it formed?

What makes ice change form?

Describe the importance of ice.

Discover: Sixth Grade Unfield Trip

Activity Exploration

Watch this [Ice Balloons activity video](#), [Globos de Hielo vídeo de actividad](#), then check out the [Ice Balloons activity guide](#), [Globos de Hielo guía de actividades](#) and do the activity together!

Discuss and/or write down:

Is thermal energy being transferred to your ice?

What tools or materials slow down or speed up thermal energy transfer?

What do you wonder about your ice?
What do you notice about your ice?

Is gravity affecting your ice?



Take pictures and videos of your process to share! You can send them to mgarcia@amazeum.org

NGSS Standards Addressed

- **6-PS3-3:** Apply scientific principles to design, construct, and test a device that either minimizes or maximizes thermal energy transfer.
- **6-ESS2-4:** Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the forces of gravity.
- **6-ESS2-6:** Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.