

Discover: Third 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 *How do Aqueducts Work?* by Greg Roza.



Discuss and/or write down:

Why were aqueducts invented?

Do aqueducts prevent or reduce the impact of weather-related hazards?

Are there any design elements of aqueducts in the Amazeum's Water exhibit?

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Activity Exploration

Watch this [Build-an-Aqueduct activity video](#), [Construir-un-Acueducto video de actividad](#), then check out the [Build-an-Aqueduct activity guide](#), [Construir-un-Acueducto guía de actividades](#), and do the activity together!

Discuss and/or write down:

What tools and materials did you use to create?

What is one idea you had that worked?

How many times did you change your design?

What challenged you?
What surprised you?



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

NGSS Standards Addressed

- **3-PS2-1:** Plan and conduct an investigation to provide evidence of the effects of balanced and unbalanced forces on the motion of an object.
- **3-ESS3-1:** Make a claim about the merit of a design solution that reduces the impacts of a weather-related hazard.
- **3-ETS1-1:** Define a simple design problem reflecting a need or a want that includes specified criteria for success and constraints on materials, time, or cost.
- **3-ETS1-2:** Generate and compare multiple possible solutions to a problem based on how well each is likely to meet the criteria and constraints of the problem.
- **3-ETS1-3:** Plan and carry out fair test in which variables are controlled and failure points are considered to identify aspects of a model or prototype that can be improved.