

Discover: Second 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: Bridges at the Amazeum

Start your Virtual Unfield Trip by watching this video about the [bridges](#), [puentes](#) at the Scott Family Amazeum.



Discuss and/or write down:

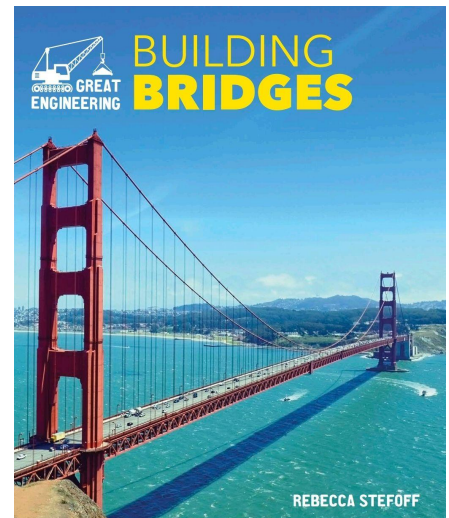
What did you notice?

What do you wonder?

Have you seen anything like this before?

Literacy Connection

After watching the exhibit video, read *Building Bridges* by Rebecca Steffoff.



Discuss and/or write down:

Who helps design and build bridges?

What materials are bridges made of?

What problems do bridges solve?

Discover: Second Grade Unfield Trip



Activity Exploration

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



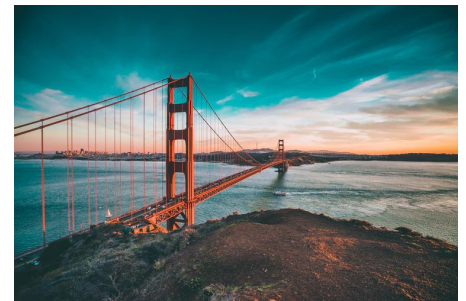
Discuss and/or write down:

What tools and materials did you use to create?

Draw what you created!

Did you change your design?

What would you do differently next time?



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

NGSS Standards Addressed

- **2-PS1-1:** Plan and conduct an investigation to describe and classify different kinds of materials by their observable properties.
- **2-PS1-2:** Analyze data obtained from testing different materials to determine which materials have the properties that are best suited for an intended purpose.
- **2-PS1-3:** Make observations to construct an evidence-based account of how an object made of a small set of pieces can be disassembled and made into a new object.
- **2-ETS1-2:** Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem.
- **2-ETS1-3:** Analyze data from tests of two different objects designed to solve the same problem to compare the strengths and weaknesses of how each performs.