



Exhibit Challenge Card

Erosion Table

Challenge: As a team, construct a structure which will stop the flow of water for the longest amount of time.

- What do you see or observe?
- What conclusions can you make based on your observations?
- What results do you get as you manipulate the variables (that means change stuff) and can those results be replicated (that means repeated)?



Exhibit Challenge Card

Shake Table

Challenge: As an individual construct a structure that will withstand a level 10 earthquake for the longest amount of time.

- What do you see or observe?
- What conclusions can you make based on your observations?
- What results do you get as you manipulate the variables (that means change stuff) and can those results be replicated (that means repeated)?



Exhibit Challenge Card

Catenary Arch

Challenge: work together as a team to successfully construct the Catenary Arch.

- What do you see or observe?
- What conclusions can you make based on your observations?
- What results do you get as you manipulate the variables (that means change stuff) and can those results be replicated (that means repeated)?



Exhibit Challenge Card

Airplane Shooter

Challenges:

1. Try all 3 airplane designs- The Hurricane, The Scooter, and The Spitfire.

Which design flies the farthest?

Which has the most accurate flight pattern?

2. Figure out what the highest possible score you could get within 3 launches.

What is your highest score?

What is the lowest possible score?



Exhibit Challenge Card

Wooden Blocks

Challenge: As a team construct ONE structure that uses every block in the given amount of time.

- What do you see or observe?
- What conclusions can you make based on your observations?
- What results do you get as you manipulate the variables (that means change stuff) and can those results be replicated (that means repeated)?



Exhibit Challenge Card

Windy Pipes

Challenge: As a team estimate how many scarves need tied together to successfully go from one end of the windy pipe to the other. (Pipe circling the Pillar)

- ⚙️ What do you see or observe?
- ⚙️ What conclusions can you make based on your observations?
- ⚙️ What results do you get as you manipulate the variables (that means change stuff) and can those results be replicated (that means repeated)?



Exhibit Challenge Card

Lego Table

Challenge: As an individual work to construct the most original version of an object selected by your groups chaperone. (Plane, House, Boat, etc.)

- What do you see or observe?
- What conclusions can you make based on your observations?
- What results do you get as you manipulate the variables (that means change stuff) and can those results be replicated (that means repeated)?



Exhibit Challenge Card

Magnet Wall

Challenge: Use pans and bowls to create targets on the magnet walls. Compete with others in your group to toss spoons into these targets.

- What do you see or observe?
- What conclusions can you make based on your observations?
- What results do you get as you manipulate the variables (that means change stuff) and can those results be replicated (that means repeated)?



Exhibit Challenge Card Laminar

Challenge: Work to balance a ball on EVERY laminar at once. Does it work better to do it on your own or work with your group?

- What do you see or observe?
- What conclusions can you make based on your observations?
- What results do you get as you manipulate the variables (that means change stuff) and can those results be replicated (that means repeated)?



Exhibit Challenge Card

Brain Quiz

Challenge: to receive a PERFECT Score on one of the four Quiz shows dealing with Financial Literacy.

⚙️ Did you learn something new today?



Exhibit Challenge Card

PVC Pipe Organ

Challenge: Play a song on the Pipes that someone else can identify.

(Mary Had a Little Lamb, Twinkle, Twinkle, Little Star, etc.)

- What do you see or observe?
- What conclusions can you make based on your observations?
- What results do you get as you manipulate the variables (that means change stuff) and
- Can those results be replicated (that means repeated)?

OH WOW!

**Exhibit
Challenge**

OH WOW!

Exhibit Challenge

Shhhh! Don't tell the kids this ...

Students will gain greater understanding of the scientific process of inquiry as they explore our exhibits and consider the questions presented.

You can help by following these tips as well:

- Have Fun! Explore & Experiment with your child.
- Minimize your cell phone use. Keep your fingers free for interacting with our exhibits.
- Stop by our desk and let our Wow Pals know about your experience & suggestions.


PRINTING DIRECTIONS -

Print 2 on a page


8 ½ x 11

Printing on Both Sides

Landscape

 **At OH WOW! we like to have this Laminated so as not to get ruined at the Water Tables .**

 **We also ask that each group and/or chaperone has a set .**

 **We keep ours on Lanyards that can be worn around the neck .**