

Entertainment Technology

Activity Choice Descriptions

Walk your girls through the activity choices and let them decide which ones they like best.

MEETING 2 ACTIVITY CHOICES

Try the Science of Amusement Park Rides

Create a Roller Coaster with Marbles and Foam Tubing: Build a mini rollercoaster with marbles, tubes, and tape!

Catapult Some Stuff: Build a catapult out of everyday items, and see which catapult launches stuff farthest.

Figure Out Centrifugal Force: The feeling of being pressed against your seat when the car turns a corner, an airplane takes off, or a ride spins really fast is called centrifugal force. Experience how it happens.

Create Your Own Special Effects

Try the Green Screen: Ever wondered how people float or disappear in movies? Or how characters have scenes in mysterious backgrounds like outer space or haunted mazes? It's a green screen! In this activity, you'll talk to a professional to find out how they do it.

Play Makeup Artist: Talk to a makeup artist who works in film, theater, or television to find out how they emphasize features or change someone's face entirely!

Make Your Own 3-D Glasses: Build a set of 3-D glasses to use for movies, shows, and images!

Surf a Sound Wave

Experiment with Acoustics: Find out how sound moves through space by playing music in different places.

Go on an Elephant Hike: Elephants hear way better than humans. Build an "elephant ear" contraption to change the way you hear the world!

Make a Ringtone for Yourself, a Friend, or Family Member: Compose something using GarageBand, Audacity, or some other sound editor to make your very own piece of music.