

# BRING HANDS-ON STEAM TO YOUR STUDENTS [VIRTUALLY]



Over three hour-long sessions this fall with [Technovation](#), you'll become an expert in leading engineering design challenges - **online**. Get ready for hands-on building during each session. You'll be part of a supportive learning community in these sessions. If you are looking for a way to step up your STEAM game in a fun and active way with your kids, this is for you. Help them think like engineers to build solutions to any sort of problem!

*Geared to staff working with kids in 4th–8th grades. Priority given to those who can attend all 3 sessions.*

## Session #1 - October 29 at 12:00PT/3:00ET

Register here: <https://bit.ly/36IDUBM>

- ★ You'll start (or continue!) to get comfortable supporting your kids learning STEAM online
- ★ You'll learn about engineering design challenges
- ★ You'll get comfortable navigating Technovation's free resources
- ★ All while attempting to balance a dinosaur in a fun engineering design challenge you can try out then use with your students.

Bring these **materials** to the session with you:

cardboard  
pipe cleaners  
paper clips  
Tape (masking tape is usually best)  
pennies or small weights  
straws  
popsicle sticks  
Scissors  
Optional:  
toilet paper tubes  
ping pong balls

## Session #2 - November 19 at 12:00PT/3:00ET

Register here: <https://bit.ly/3cLdeeU>

- ★ You'll reflect on your first attempts at leading design challenges online and come away with confidence and fresh perspectives to continue
- ★ You'll get familiar with the Engineering Design Process and iterating
- ★ You'll consider ways to build community throughout
- ★ All while building a self deploying device in a design challenge you can use with your students.

Bring these **materials** to the session with you:

tape  
scissors  
small container or small boxes  
long rubber bands  
cardboard  
dowels or skewers  
hole puncher (or knife)

## Session #3 - December 10 at 12:00PT/3:00ET

Register here: <https://bit.ly/2EUzYwM>

- ★ You'll make a plan to help your students deal with hard parts like persisting through failure and encouraging creativity
- ★ You'll reflect and revisit tools introduced earlier to look at them differently
- ★ All while making a water collection system in a design challenge you can use with your students.

Bring these **materials** to the session with you:

skewers  
tape  
scissors  
cardboard or foamcore  
cups  
straws  
foil  
Cups (with holes punched in bottom) + water for testing

