
THIS SESSION, OFFERED VIRTUALLY, WILL HAVE STUDENTS EXPLORING AND TESTING THE FORCES ACTIVING ON A VARIETY OF OBJECTS USING A COMBINATION OF DEMONSTRATIONS AND HANDS-ON ACTIVITES.

AT LEAST 1 WEEK PRIOR

- Ensure classroom is properly configured and equipment will be available for students (see class configuration below). Science World staff are available to test set up if needed, please contact schools@scienceworld.ca to schedule this.

CLASS CONFIGURATION

- In-class learners: only one computer will connect to the online learning platform. This computer should be connected to the classroom projector and to an audio system in the room, so students can see and hear the facilitator.
 - If permitted: your camera should also be facing the students so the facilitator can see them. This helps us gauge their engagement and understanding.
- Remote learners: they will need to connect to the online learning platform from their location and have a basic understanding of how to use it.
- Science World will not record the session.

PRE-VISIT ACTIVITY & MATERIALS (OPTIONAL)

Teachers may try this 'Tablecloth pull' demo prior to the session or deliver concurrently with presenter: www.scienceworld.ca/resource/pull-tablecloth

- Review video (start at 2:23) – **NOTE: YOU DO NOT NEED TO USE WATER IN THE CUPS. You can add extra weight by using blocks, coins, sand, stones, etc.**
- A tablecloth (slippery works best) OR paper towel with no seams along the edges
- Tower building supplies (safe stackable materials like blocks or cups and a plastic plate or tray for base)
- Table with level, smooth, clear surface

DURING THE ADVENTURE

- Log on to the online learning platform 10 minutes prior to the scheduled start time.
- Provide an updated participant count to the facilitator.
- Provide moderation between students and facilitator (make sure students are on task and communicating with facilitator as needed throughout).
- Deliver the tablecloth table demonstration (**optional**). We will guide you through this, but check out the video linked above to prepare! We will be doing the 'tower' portion of the video during the session).

CONTINUE ON YOUR ADVENTURE

- Try the **Paper Helicopters** activity described in the session as a post-visit exploration with your students. Materials and instructions listed here: www.scienceworld.ca/resource/paper-helicopters.