



Pom-Pom Drop

Lesson: Gravity

Materials Needed:

- Pom-poms
- Tape
- Scissors
- Pencils
- Paper towel rolls*
- Toilet paper rolls*



**Teacher provides these items or student brings from home.*

Steps:

- Divide students into groups.
- Instruct the students to cut the paper rolls in half or cut openings in the tubes at the ends so the ball can travel through.
- Have the students tape the paper towel rolls to the wall or window so a pom-pom can roll through them.
- Have students test their design.

Discuss:

- The concept of gravity
- What makes the pom-pom end up on the ground?
- Test different items of sizes, weights, and densities in the drop and discuss if using different those items changes the effect gravity has.