

Materials

The following is a suggested list of materials needed to complete this challenge. The quantity will depend on the number of students participating. Alternatives can be used if necessary.



- Vacuum pump
- Marshmallows or balloons (may or may not be filled with water)
- Digital scale or balance (1)
- Measuring tape (1)
- Rulers
- Grid paper
- aluminum foil
- balloons
- binder clips
- bubble wrap
- buttons or beads
- cardboard or cardstock
- clothespins
- cloth
- coffee filters
- cotton balls
- craft sticks or tongue depressors
- empty paper towel or toilet paper tubes
- glue sticks
- mini foil pie plates
- modeling clay
- paper bags
- paper clips
- pennies
- plastic eggs
- plastic wrap
- rubber bands
- scissors
- skewers or stirrers
- staplers and staples
- straws
- string
- tape (masking, electrical, transparent, duct)