

Ping Pong Levitation

Objective: Students will discover how a ping pong ball can levitate in the air.

Materials per group:

- straws
- paper clips
- tape
- 2 ping pong balls

Procedures:

1. Place students in groups of 3-5 students.
2. Explain to students that they will attempt to build an apparatus that will levitate a ping pong ball.
3. Have students complete the "Make Predictions" section in their STREAM journal (5 minutes).
4. Have students complete the "Imagine/Plan" section in their journal (5 minutes).
5. Create structure and test (20 minutes).
6. Complete "Reflection" sections in journal (5 minutes).
7. End with a prayer.

Almighty Father, you are the source of all wisdom, talents, and skills. Please open my heart and enlighten my mind so that I may be fully in tune with Your divine purpose. We ask this in your name, Amen

Lord God, You are the greatest engineer. Please infuse all engineers even with just tiniest spark of Your Divine Wisdom so that as engineers do their work, it is really your work that is done.