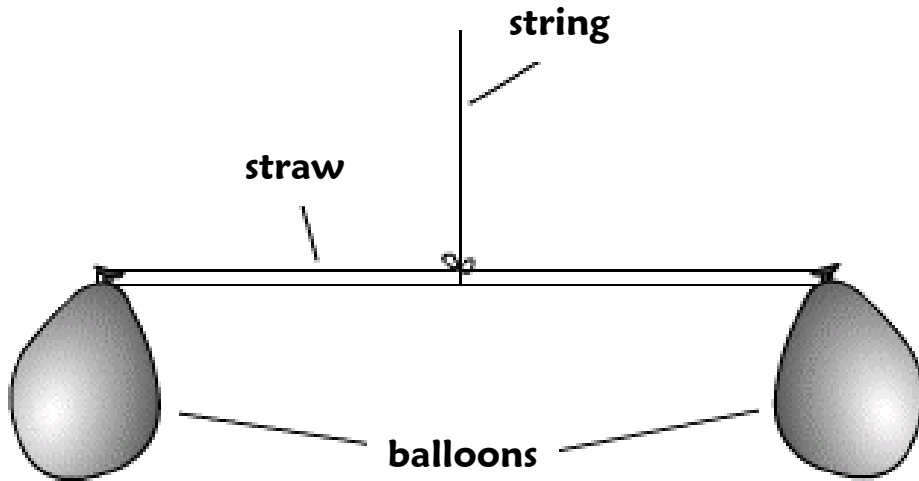


Heavy Air



Part 1

Directions:

1. Tie two empty balloons to the ends of the straw.
2. Balance the straw on your finger.
3. Tie a string at the point on the straw where it balances on your finger
4. Tape the places where the string is taped to the straw.

Predict:

What will happen if you blow up one of the balloons?

5. Untie one of the balloons and blow it up full.
6. Retie the inflated balloon to the string.

Name _____

What happened when you inflated one of the balloons?

Is this what you predicted would happen? _____

Why did this happen?

Part 2

Directions:

- 1. Bring an empty balloon to the front of the room to measure its mass.**

What is the mass of the empty balloon? _____

- 2. Blow up the balloon and measure its mass.**

What is the mass of the full balloon? _____

Did the mass change? _____

Why or why not?

Conclusions:

