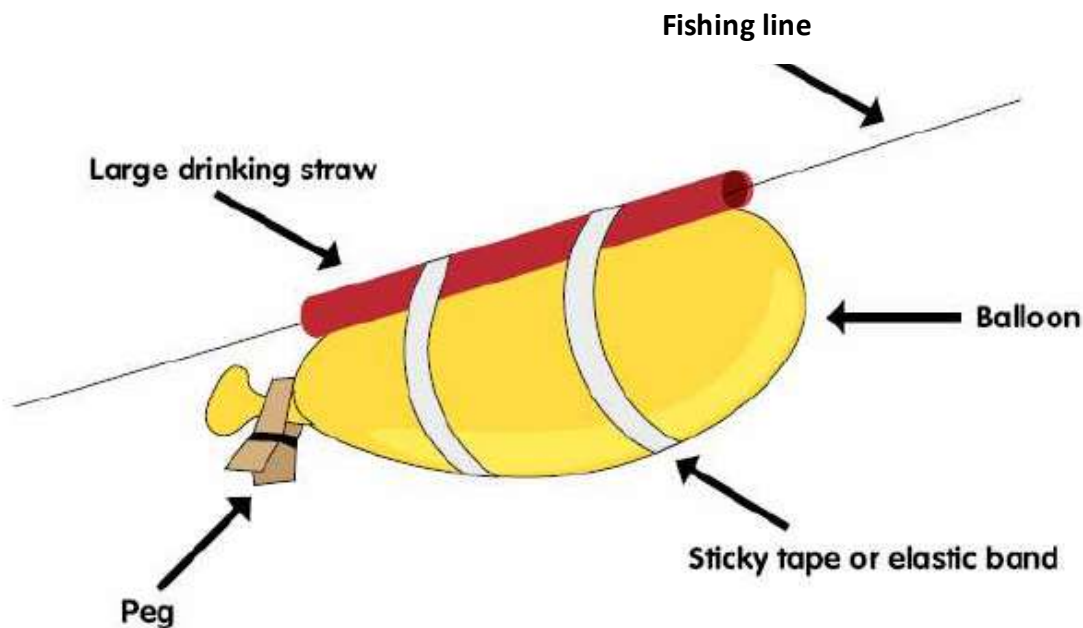


Balloon Rockets



Procedure:

1. Have your flight path ready, place the straw on the string/fishing line and stretch it across the room or between tables. The tighter the fishing line the better.
2. Blow up a balloon and use a peg to keep the air in.
3. Use tape or elastic bands to fix the balloon to the drinking straw.
4. Release the peg and watch the balloon fly across the string.

You could investigate some of the following variables.

- How does the volume of air in the balloon affect the speed/distance it travels?
- Do different shape balloons travel differently?
- Will the balloon travel faster if you wipe the fishing line with dishwashing liquid?

Materials:

- Fishing line**
- Straw or glass tubing**
- various balloons**
- sticky tape**
- Optional:**

A balloon pump could be used to ensure balloons always have the same volume of air.