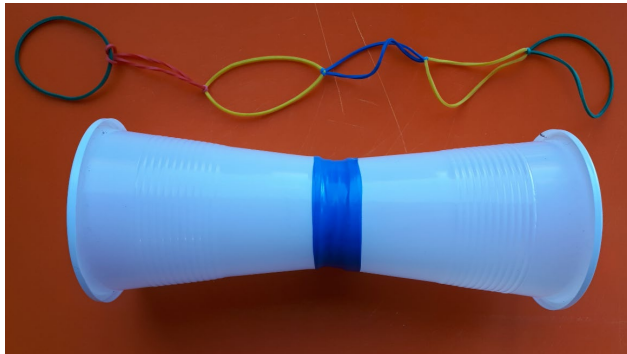


Lets go for a spin (Post-Primary)

Read it -- Try it safely -- Explore it further

Spinning plastic cups (Magnus effect)

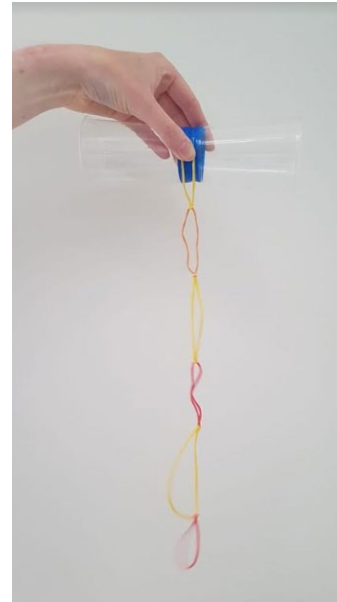


Tape two plastic cups together

Join several elastic bands together

Having wrapped the stretched elastic once around the cups, stretch the rest of the elastic as shown.

Aim the “catapult” away from spectators



Keeping your right hand closed, release your grip on the cups.

Vary the stretch and the angle until your cups “loop-the-loop”.

Extension activities:

- Try different cups,
- Try different angles of launch,
- Try different stretches of the catapult.
- Try against the wind and with the wind.
- Measure the distances the cups travel
- Research other examples of the Magnus effect
- Try and explain the cups behaviour in your own words.