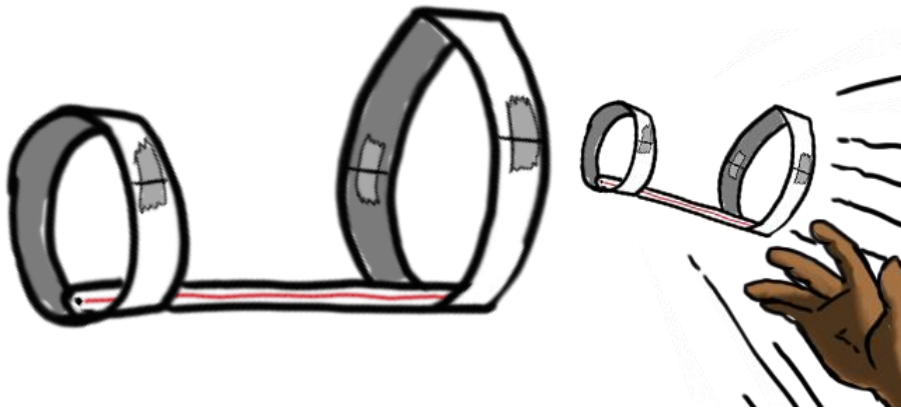


# Hoop Glider Challenge

## You Will Need:

- Paper
- Straws (paper straws are better for the environment but plastic work if that's all you have!)
- Sticky tape



## Instructions:

1. Cut two strips of paper – one longer than the other.
2. Tape the ends together to form 2 hoops.
3. Stick hoops at each end of a straw.
4. Fly!

## Why not...?

Create different gliders and test them to see which flies furthest! REMEMBER to only change one factor at a time to ensure a fair test.

You could try measuring the distance each glider flies and taking notes to help with your designs.

## Suggested adaptations:

- Different sizes of hoops
- Different amounts of straws
- Different shapes of hoops – Squares?! Triangles?!

How many other materials can you think of?!

## Competition time!

Challenge somebody in your house to make a glider that will travel further than yours!