

Paper Plane Test Flights

Time: 25 minutes

You need

- ☐ 3 sheets of paper
- ☐ A tape measure or string
- ☐ Paper clips
- ☐ Pencil and paper for notes

Steps

- 1** Fold three different planes: a dart, a wide-wing, and a glider.
- 2** Throw each plane three times from the same spot.
- 3** Measure each flight and write it down.
- 4** Add a paper clip to the nose of the best plane and fly it again.

Before you start: what do I think will happen?

My observations

Table 1. Flight results (distance in cm)

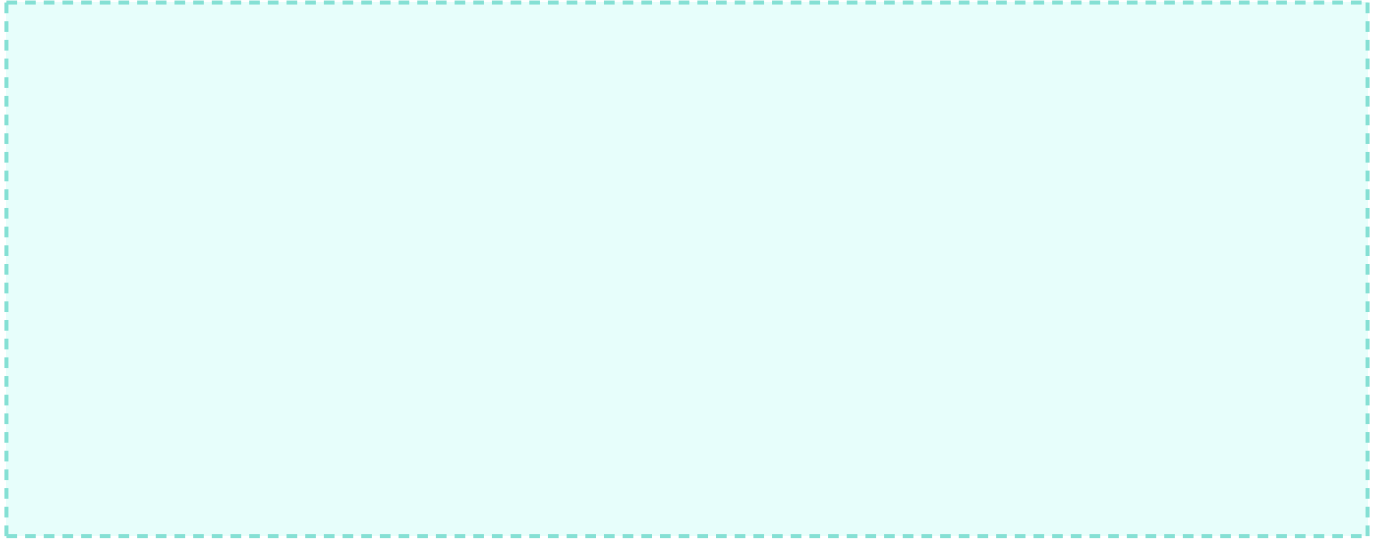
Plane design	Flight 1	Flight 2	Flight 3	Longest flight
Dart				
Wide-wing				
Glider				
Best plane + paper clip				

Think about it

Which design flew farthest, and why do you think so?

How did the paper clip change the flight?

Draw or stick your work here



Name: _____ Date: _____

Jobspark · Ask a grown-up to help whenever you need.