Science Process Skills

(use small letters only for your answer)

1.

Wow! The nose cone of your paper plane is so attractive, Ravi. Why did you design it that way?

This shape increases the mass of the front part of the paper plane. It will be more stable and can fly farther. This is how I fold it.
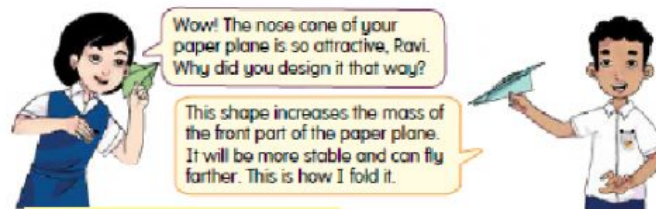
Observation : The paper plane has a _____

Inference : _____

2.

Look! My paper plane is ready.

Great! I predict that your paper plane will fly far because of the large size of its wings.

Prediction : the paper plane _____

Inference : _____

3:

I hope all of you are ready. Please make sure that you only use the paper I gave.

Mr Zaki, why do we have to use the same paper?

Each sheet of paper given to you is of the same type. Hence, the size and thickness are the same. The type, size, and thickness of the paper are the constant variables that can ensure a fair test.

LIVEWORKSHEETS
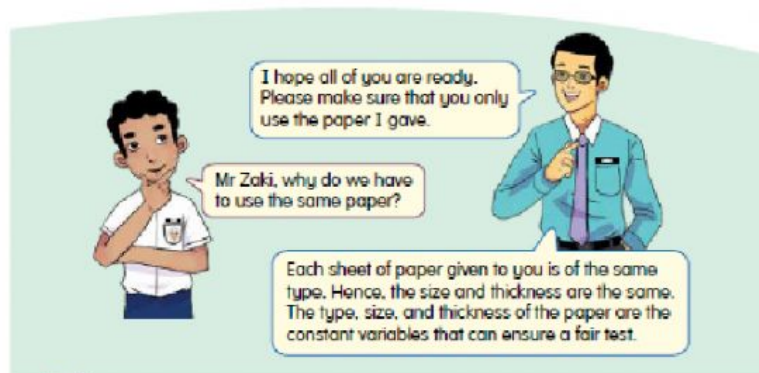
State 3 constant variable

- _____of paper
- _____of paper
- _____of paper

State another contants variable for the paper plane experiment

_____

4.

Length of stretched rubber band (cm)	Distance travelled by the paper plane (cm)
10	/
20	/
30	/

Based on the table above, state

i)   Manipulated variable :

ii) Responding variable :