



Building a Parachute



Materials:

- 25 X 50 cm plastic sheet
- Two 100 cm lengths of string
- Scissors
- Washer
- Stop watch
- Data worksheet
- Pencil

Procedures:

1. Cut a 50 cm X 25 cm rectangle from the plastic sheet.
2. Cut two 100 cm lengths of string.
3. Tie one side of each string to the neighboring corners of the rectangle.
4. Place both strings through the washer.
5. Tie the free ends of each string to the diagonal corner of the rectangle, so that the strings cross to form an "x".

Identifying Variables:

On the chart on the following page list the different parts of the parachute and their effects on the flight of the parachute. List the parts that you could change to make your parachute float longer with more control.

Parachute Part	Variable you could change	Possible Effects

