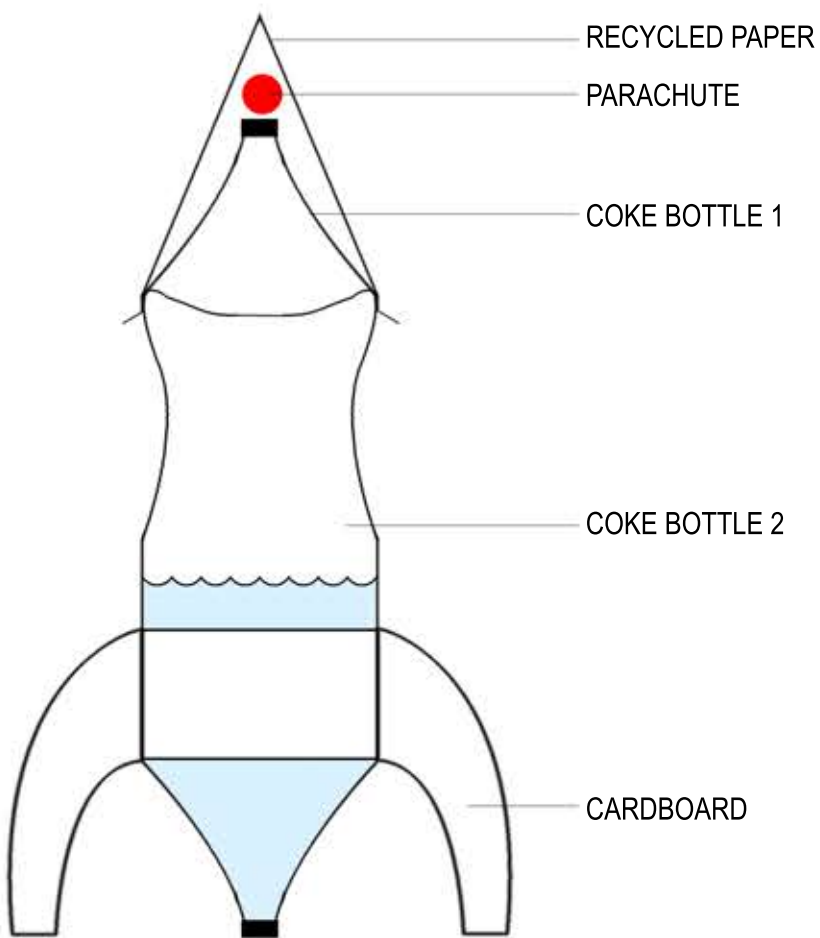




# FLY ME TO THE MOON v2.1



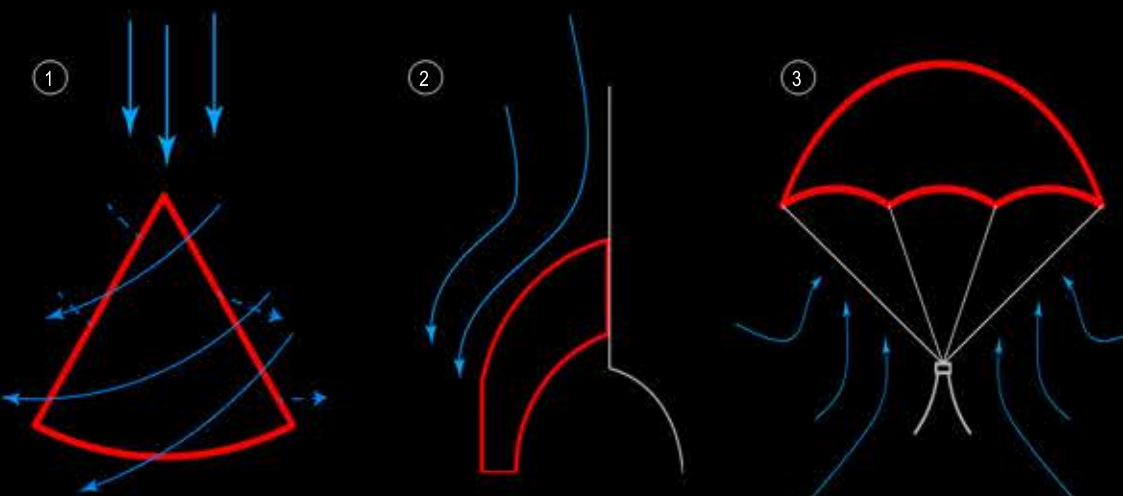
## SUSTAINABILITY

Seen from the usage of materials, our group has chosen mainly recycled supplies. This includes items such as cardboard from boxes, empty coke bottles, used papers, etc. As a result, we help extend the life and usefulness of something that has already served its initial purpose, lessening the waste that are placed into landfills.

## DESIGN TEAM

The success of "Fly Me to The Moon 2.1" was partly due to the multi-disciplinary and multi-cultural project team. The different disciplines of our team has exposed us to various perspective making each individual more attentive to details. Examples of such profession are the architects, civil engineer, aerospace engineer, etc. It was tough in getting ideas across at first, but we soon learn to tolerate one another by actually seeing things from each individual point of view. This was the key to achieving the latest "Fly Me to The Moon 2.1". The architects are responsible for the modelling of the rocket due to our exceptionally fine skill in model making. Civil engineers working along side with architects making sure it is structurally sound. Lastly, the aerospace engineer with the designing and testing of the water Rocket.

## DESIGN JUSTIFICATION



### Tip of Rocket

Cone shaped tip lowers air friction making the Water Rocket launch higher.

### Aerodynamic Fins

Four aerodynamic fins are attached on the rocket creating stability in mid-air.

### Parachute

Parachute are made thrice the size of rocket prolonging its air time.