1. **Material**
   1.1 Bottle: stiff and with a sharp angle
   1.2 Cardboard: thin and light
   1.3 Plastic bag: resistant and flexible

2. **Main bottle with fins**
   2.1 Curved shape to be aerodynamic
   2.2 Fins should be taped to the bottle symmetrically and firmly

3. **Nose corn**
   3.1 Attach clay to it to make it heavier, in order to rise the centre of mass of the rocket

4. **Parachute**
   4.1 Large enough and symmetrical to make flight time longer