

# Engineering Challenges for 3rd -6<sup>th</sup> Class

Choose one of the challenges below.

**\*\*You can also create and showcase your own invention!**

## Parachute Design Challenge:

- **Task 1:** Create a parachute that safely lands a small toy or egg.
- **Materials Needed:** Plastic bag (for the canopy), string, small toy or egg, and tape.
- **Challenge:** Time how long it takes for the parachute to reach the ground.



## Balloon-Powered Boat Challenge:

- **Task 2:** Build a boat that moves using the power of a balloon.
- **Materials Needed:** Plastic bottle (for the boat body), balloon, straws, tape, and scissors.
- **Challenge:** The boat must travel at least 1 meter on water.

