

Design specification cards

In **Round 1**, each team will receive the following specifications:

Team 1 – You should build an automobile with the following characteristics:

R1

- a. *Large capacity*: Design your car so that it can hold enough cargo/passengers
- b. *Aerodynamic*: Design your care so that it is sleek

Team 2 – You should build an automobile with the following characteristics:

R1

- a. *Lightweight*: Design your car so that it does not physically weight a lot
- b. *Safe/sturdy*: Design your car so that it will perform well in a crash test

Team 3 – You should build an automobile with the following characteristics:

R1

- a. *Aesthetically pleasing*: Design your card so that it is attractive
- b. *Extra Features*: Design your car so that it has exciting and innovative extra features

In **Round 2**, each team will receive the following specifications:

Team 1 – You should build an automobile with the following characteristics:

R2

- a. *Large capacity*: Design your car so that it can hold enough cargo/passengers
- b. *Aerodynamic*: Design your care so that it is sleek
- c. *Lightweight*: Design your car so that it does not physically weight a lot
- d. *Safe/sturdy*: Design your car so that it will perform well in a crash test

Team 2 – You should build an automobile with the following characteristics:

R2

- a. *Lightweight*: Design your car so that it does not physically weight a lot
- b. *Safe/sturdy*: Design your car so that it will perform well in a crash test
- c. *Aesthetically pleasing*: Design your card so that it is attractive
- d. *Extra Features*: Design your car so that it has exciting and innovative extra features

Team 3 – You should build an automobile with the following characteristics:

R2

- a. *Aesthetically pleasing*: Design your card so that it is attractive
- b. *Extra Features*: Design your car so that it has exciting and innovative extra features
- c. *Large capacity*: Design your car so that it can hold enough cargo/passengers

d. *Aerodynamic*: Design your care so that it is sleek

In **Round 3**, each team will receive the following specifications:

Team 1 – You should build an automobile with the following characteristics:

R3

- a. *Large capacity*: Design your car so that it can hold enough cargo/passengers
- b. *Aerodynamic*: Design your care so that it is sleek
- c. *Lightweight*: Design your car so that it does not physically weight a lot
- d. *Safe/sturdy*: Design your car so that it will perform well in a crash test
- e. *Aesthetically pleasing*: Design your card so that it is attractive
- f. *Extra Features*: Design your car so that it has exciting and innovative extra features

Team 2 – You should build an automobile with the following characteristics:

R3

- a. *Lightweight*: Design your car so that it does not physically weight a lot
- b. *Safe/sturdy*: Design your car so that it will perform well in a crash test
- c. *Aesthetically pleasing*: Design your card so that it is attractive
- d. *Extra Features*: Design your car so that it has exciting and innovative extra features
- e. *Large capacity*: Design your car so that it can hold enough cargo/passengers
- f. *Aerodynamic*: Design your care so that it is sleek

Team 3 – You should build an automobile with the following characteristics:

R3

- a. *Aesthetically pleasing*: Design your card so that it is attractive
- b. *Extra Features*: Design your car so that it has exciting and innovative extra features
- c. *Large capacity*: Design your car so that it can hold enough cargo/passengers
- d. *Aerodynamic*: Design your care so that it is sleek
- e. *Lightweight*: Design your car so that it does not physically weight a lot
- f. *Safe/sturdy*: Design your car so that it will perform well in a crash test