

B) ~~Forms~~

Here are some classes I would not consider.

Forms

I would not choose forms due to its properties. The form will be too weak to hold the weight of the rest of the car and would not be able to withstand an impact from another vehicle.

Polymers

Considering Polymers is a light weight material it still will not be able to withstand an impact from another vehicle. Also Polymers will not give the stiffness the designer needs due to its flexibility.

C)

I will now discuss the merits of both Carbon fibre tubes and Steel Space frames.

Carbon fibre tubes

Carbon fibre tubes are used by ~~Super~~ race teams all across the globe. Some of the merits of these include, light weight material. The ability to be moulded into the required shape. Super Strong when it comes to stiffness and impacts and also looks cool.

Some of the cons include, Not repairable, if damaged will require a full replacement. Also Carbon fibre is expensive so will only be available to the richer teams.