

## CO2 Dragster

### Self Assessment

Name: \_\_\_\_\_

Block \_\_\_\_\_

#### Design

Car shows evidence of research:	No	Maybe	Yes
The engineering principle of Mass has been considered:	No	Maybe	Yes
The engineering principle of Friction has been considered:	No	Maybe	Yes
Design involves advanced ideas, construction, or detail:	No	Maybe	Yes
Design is thoughtful, not block-like:	No	Maybe	Yes

#### Body

Body meets design envelope:	No	Maybe	Yes
<i>(Pine only, measurements according to specification, weight appropriate, etc.)</i>			
Body is free of structurally weak areas:	No	Maybe	Yes
Body shape is free of flaws:	No	Mostly	Yes

#### Finish

Preparation for painting was done properly:	No	Maybe	Yes
<i>(Carefully sanded to 150-220 grit, at least 2 coats of primer, light coats of paint)</i>			
Overall finish is defect free:	No	Maybe	Yes
Special details (multi-colour, decals, painting hubs) included:	No	Maybe	Yes

#### Craftsmanship and Quality

Finished project maintains original design:	No	Maybe	Yes
Attention to detail is evident:	No	Maybe	Yes
Project was completed in a timely manner:	No	Maybe	Yes
Car tracks straight:	No	Mostly	Yes

**After watching round 1 of the CO2 car races, what would you have designed differently about your car to improve durability or performance?**

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**If you had to make at least one change to your car, how would your new car look?**

*Please draw in the space provided*