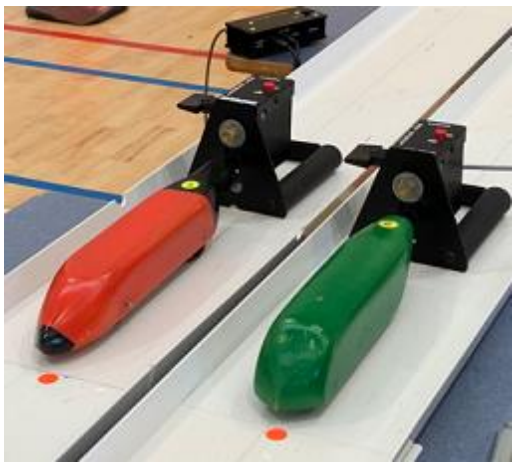
Specifications (next two pages) – please print the specifications sheets back to back.



SPECIFICATION SHEET FOR DIVISIONS A TO D

NAME	SCHOOL	State
CAR REGISTRATION NUMBER	**ACTUAL WEIGHT in grams**	

RACE DIVISIONS

DIV A GENERAL SHOP	**Open**		**DIV B ENGINEERING / TECH**	**Open**	
DIV C PRIMARY/SP. EDUCATION	**Open**		**DIV D TEACHERS**	**Open**	

(Please circle, tick or highlight division)

	PRODUCTION SPECIFICATIONS	MIN	MAX	Finished mm / g
	Dragster Body			
A.	Dragster body length	200 mm	305 mm	
B.	Dragster body height at rear with wheels		75 mm	
C.	Dragster body mass / weight with wheels	45 g	170 g	
D/r.	Dragster body width at axles – front & back (Rail Type) all wheels are outside the body 35mm - 42mm external measurement.	35 mm	42 mm	
D/s.	Dragster body width at axles – front & back (Shell Type) all wheels are inside the body 35mm - 42mm internal measurement with a minimum 3mm wall thickness each side.	35 mm	42 mm	
E.	Dragster Body width (including wheels)		90 mm	
	Axles / Axle Holes / Wheelbase			
F.	Number of axles	2	2	
G.	Bottom of axle hole above bottom of dragster	5 mm	10 mm	
H.	Rear axle hole from rear of dragster	9 mm	100 mm	
I.	Wheelbase	105 mm	270 mm	
	Spacers / Washers / Clips			
J.	Spacer washers		8	
K.	Axle clips or similar		8	
	Power Plant (CO 2 Cartridge Hole)			
L.	Power plant: depth of hole	50 mm	52 mm	
M.	Power plant: housing thickness (around entire housing)	3 mm		
N.	Power plant: housing (diameter) Please use a 3/4" Drill for best results.	19.5 mm	3/4"	
O.	Power plant: lowest point of chamber diameter to race surface with wheels	26 mm	36 mm	
	Screw Eyes			
P.	Screw eye or eyelet inside diameter	4 mm	8 mm	
Q.	Screw eyes (2) distance apart at farthest point	155 mm	270 mm	
	Wheels			
R.	Wheels: front diameter	32 mm	37 mm	
S.	Wheels: front width at surface contact point	2 mm	5 mm	
T.	Wheels: rear diameter	30 mm	40 mm	
U.	Wheels: rear at surface contact point	15 mm	18 mm	

(Assembled without CO2 cartridge)

PASSED INSPECTION	**YES / NO**	**APPROVAL GIVEN FOR RACING**	**YES / NO**

(Schools committee check) **(Office use only)** **Race specs 2023**

OUTLAW CLASS DIVISION E

NAME	SCHOOL
CAR REGISTRATION NUMBER	**ACTUAL WEIGHT in grams**

	PRODUCTION SPECIFICATIONS	MIN	MAX	PASSED
	Dragster Body			
A.	Dragster body length		305 mm	
B.	Dragster body mass / weight with wheels	45 g		
C.	Power plant: depth of hole	50 mm	52 mm	
D.	Power plant: housing thickness (around entire housing)	3 mm		
E.	Power plant: housing (diameter) Please use a 3/4" Drill for best results.	19.5 mm	3/4"	
F.	Power plant: lowest point of chamber diameter to race surface with wheels	26 mm	36 mm	
G.	Screw eye or eyelet inside diameter	4 mm		
	These specifications must be adhered to and all cars must have been raced and be signed off by a teacher that it is safe to race.	---------- Sign here		

(Assembled without CO2 cartridge)

PASSED INSPECTION	YES / NO	APPROVAL GIVEN FOR RACING	YES / NO
(Schools committee check)		**(Office use only)**	**Race specs 2023**

Parent Consent Form

Dragsters Competition

Dear Parents / Guardian

Your son / daughter has been selected to represent our school in the National & State Dragster Challenge. This competition is a design, make and appraise challenge. This competition could take a student's dragster to an international level.

Our sponsors like to see reports and photographs of the winning students with their dragsters and therefore I now seek your permission in the following:

1. I do □ do not □ give permission to reproduce photographs, sound or vision (eg. videos of film) taken in the course of my student's representing this activity for the purpose associated with the promotion of the activity or your state education department.

2. I do □ do not □ give permission for my student to be named in such media that may include team photographs, local media releases and other publications including Internet web sites.

…….. ……
Parent / Guardian Signature Date

PLEASE COULD PRINT THE SPECIFICATIONS SHEETS BACK TO BACK
THIS WAY THE PARENT CONSENT FORM IS COMPLETED