

2019 HS Dragster Design Rubric				
		Name: _____		
		School: _____		
#	Specification	Minimum	Maximum	Actual
		mm	mm	mm
DB2	Body Length	295	305	
DB3	Body Height at wheels		75	
DB4	Body Mass	55 gr		
DB5	Body width @ wheels (front/back)	35	42	
DB6	Total Vehicle width (including wheels)		90	
Axles/Axle holes/wheelbase				
AH1	Must have 2 axles per car	2	2	
AH2	Bottom of axle bearing to bottom of car	5	10	
AH3	Rear axle hole from front & rear of car	9	100	
AH4	Wheelbase	105	270	
Spacer washers/clips				
S1	Spacer Washers		8	
S2	Axle Clips		8	
CO2 Cartridge Hole				
H2	Hole Depth	45	55	
H3	Safety Zone Thickness	3		
H4	Chamber Diameter	19	20	
H5	Lowest Point of Chamber to Surface	26	40	
Eyes Screws				
ES2	Inside Diameter	3	5	
ES3	Distance Apart	150	270	
Wheels				
W2	Front Diameter	32	37	
W3	Front Width	1.5	5	
W4	Rear Diameter	35	40	
W5	Rear Width	12	18	
Totals				