Junior Solar Sprint ~ Best Design Judging Sheet

for Virtual Events

Awards will be given for the **Best Design** based on the following categories:

Chassis:	How well constructed is the frame? Were good design decisions used to improve the chassis over a plain flat sheet?
Wheels / Axles:	How well are the wheels, axles, bearings/bushings designed, built and mounted? Are the axles parallel so that the car will run straight?
Transmission:	How well mounted is the motor? Does the transmission (gears, belt, etc.) effectively transmit power to the wheels?
Solar Array:	How well oriented is the solar panel for light reception? Does the car use a design to improve the way the solar panel is positioned, attached, or collecting sunlight?
Craftsmanship:	How well constructed is the car overall? Was care taken in the way the car was constructed?
Performance:	Does the vehicle move without assistance? Does it reach the end goal? Is the car moving in a relatively straight line? Does it appear to be moving quickly?
Web Page:	Does the contents of the team web page document the design, building and engineering process in a way that the viewer can see how the vehicle works and see the special features the team incorporated?
Page Requirements:	Does the web page contain: A minimum of 6 car photos? A minimum of 2 drawings of the car including measurements? Finished car specifications? A video describing the car? A video showing the car running by sunlight?

Please be consistent in awarding points as follows:

0 1 2 3 4 5 6 7 8 9 10

Poor.....Fair.....Good.....Impressive.....Excellent!

_____ Judge

School / Car Name	Chasis	Wheels Axles	Transmission	Solar Array	Crafts-manship	Performance	Web Page	Page Requirement	Total
	Comments:								
	Comments:								