

# Junior Solar Sprint ~ Design Judging Score Sheet



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

- Chassis:** How well constructed is the frame? Is it a good combination of flexibility and strength?
- Wheels/Axles:** How well are the wheels, axles, bearings/bushings designed and built?
- Transmission:** How well mounted is the motor and how efficiently is power transmitted to the wheels?
- Solar Array:** How well oriented is the solar panel for light reception?
- Craftsmanship:** How well constructed is the car overall?
- Team Log:** How complete is the team log? (Member info, time spent, vehicle specs, component list, design & assembly process, issues & problems)

Awards will be given for the **Most Innovative** based on the following categories:

- Creativity:** How much creativity is shown overall?
- Materials:** Have they used unusual materials? Or used materials in an innovative fashion?
- Earth-Friendly:** Did the students use recycled or earth-friendly materials?

Please be consistent in awarding points as follows:

0    1    2    3    4    5    6    7    8    9    10  
 Poor.....Fair.....Good.....Impressive.....Excellent!

Car #	Chassis	Wheels Axles	Trans-mission	Solar Array	Crafts-manship	Team Log	Design Total	Creativity	Material Use	Earth Friendly	Innovation Total
Notes:											
Notes:											
Notes:											
Notes:											

\_\_\_\_\_ Judge