



Participant/Team ID# \_\_\_\_\_

JUNIOR SOLAR SPRINT			
2014 & 2015 OFFICIAL RATING FORM			MIDDLE SCHOOL
Model (40 points)			
The model is safe to participate in the time trials and, if deemed appropriate, the semifinalist races. ___ Yes ___ No			
The model meets all required specifications. ___ Yes ___ No			
CRITERIA	Minimal performance 1-4 points	Adequate performance 5-8 points	Exemplary performance 9-10 points
Evaluators: Using minimal (1–4), adequate (5–8 points) or exemplary (9–10 points) performance levels as a guideline, record the scores earned for the event criteria in the column spaces to the far right.			
<b>Display</b> (X1)	The quality of the display is extremely poor and/or exceeds size requirements.	The display is adequately created and meets the size specifications.	The display is exemplary, includes eye-catching details and meets the size specifications.
<b>Design quality</b> (X1)	The design of the solar model is poor and shows little effort.	The design of the solar model is adequate but not of exceptional quality.	The design of the solar model exhibits exceptional quality of design.
<b>Design creativity/ originality</b> (X1)	The solar model car design lacks creativity and originality; little effort is apparent in these areas.	The solar model car design demonstrates an adequate level of creativity and originality.	The solar model car design shows exceptional creativity and originality in its design.
<b>Construction quality</b> (X1)	The solar model car lacks quality of construction.	The solar model car demonstrates adequate quality of construction.	The solar model car demonstrates exceptional quality of construction.
			<b>SUBTOTAL (40 points)</b>

Record scores in the column spaces below.

Regulations and Documentation (50 points)			
CRITERIA	Minimal performance 1-4 points	Adequate performance 5-8 points	Exemplary performance 9-10 points
<b>Notebook components</b> See Regulation A (X1)	A number of the notebook components are missing.	Most of the notebook components are included, but the notebook lacks overall quality.	The notebook includes all required components; it is neat and properly organized; effort and quality are evident.
<b>Project Log</b> (X1)	The Project Log is lacking significant portions; it is messy and demonstrates lack of effort.	The Project Log is acceptable, but some information is missing.	The Project Log is complete and accurate; the presentation is neat and orderly; a great deal of effort is evident.
<b>Design drawings</b> (X1)	Some drawings are missing and are of poor quality.	Drawings are acceptable; all required views are shown.	Drawings are accurate and complete; all required views are present; rough sketches are included.
<b>Design details/ components list</b> (X1)	Several details of the model including size, weight, wheel size, and gear ratio are missing and/ or are poor; the component list is very limited.	Some details of the model including size, weight, wheel size, and gear ratio are missing; a few components are missing.	All details of the model, including size, weight, wheel size, and gear ratio are present; all components are included.



JUNIOR SOLAR SPRINT (continued)			
Regulations and Documentation (50 points)			
<b>Design process description</b> (X1)	The design process description, which includes details about pre-testing various configurations of the model and revision notes, is poorly documented.	Most of the design process description, which includes details about pre-testing various configurations of the model and revision notes, is present.	All parts of the design process description, which includes details about pre-testing various configurations of the model and revision notes, is present.
			<b>SUBTOTAL (50 points)</b>

Rules violations (a deduction of 20% of the total possible points) must be initialed by the evaluator, coordinator and manager of the event. Record the deduction in the space to the far right.

Indicate the rule violated: \_\_\_\_\_

Race (55 points)							
1st	2nd	3rd	4th	5th & 6th	7th & 8th	9th - 12th	13th - 16th
55 points	50 points	45 points	40 points	35 points	30 points	25 points	15 points
							<b>SUBTOTAL (55 points)</b>

Rules violations (a deduction of 20% of the total possible points) must be initialed by the evaluator, coordinator and manager of the event. Record the deduction in the space to the far right.

Indicate the rule violated: \_\_\_\_\_

(To arrive at TOTAL score, add any subtotals and subtract rules violation points, as necessary. Check your math twice!) **TOTAL (145 points)**

Comments:

  
  
  

I certify these results to be true and accurate to the best of my knowledge.

Evaluator

Printed name: \_\_\_\_\_ Signature: \_\_\_\_\_