Design Notebook

The following pages are taken from team Design Notebooks from past Junior Solar Sprint competitions that the officials picked out to use as examples. Note that the layout and specific content showcased are not official rules, but rather ideas and suggestions for creating the notebooks that the judges from that particular year liked.

Please refer to the official rules for what is required in each section.
Cosmic Ray-cers
Newberry Elementary School Newberry, FL

FL State EnergyWhiz Expo
Jr. Solar Sprint
Cocoa, FL

4th Grade:
Kiernyn Cooke
Gavin Norman
Yihan Wang
Janquil Hunt

Title Page
Required information:
School name
Team name
Students' names
Lake Nona Middle School

Orange County

Sun Games: Solar Racing

Technical Notes:

Miguel A. Tirado

Yared A. Bejaram

Alejandro Orduz

February 10, 2017

Mr. Bloom

The artwork is a nice extra
SOLAR ENERGY CAR

Team Name: Beast Mode

Team Members:

1. Miguel Tirado - Leader
2. Yared Bejarano
3. Alejandro Orduz

Leader’s Teacher: Mr. Bloom

Project Description:

This project consists of the construction of a car for the Solar Energy Car Competition. The car must be moved using solar energy, and it must have a chassis and two-wheels axis. The objective is to conduct a research about solar cells or solar panels and present their calculations and electrical schematics should be presented in a technical notebook.

Team Roles

<table>
<thead>
<tr>
<th>Team Members</th>
<th>Roles:</th>
<th>Strengths</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miguel Tirado</td>
<td>Team Leader</td>
<td>Design, Drawing, Planning (GanttProject), Logo Design, Make Order, Research</td>
</tr>
<tr>
<td>Yared Bejarano</td>
<td>Team Member</td>
<td>Car Body Chasis Construction, Ideas Contributor, Materials Research, Quality inspector, Drawing Design Assistance</td>
</tr>
<tr>
<td>Alejandro Orduz</td>
<td>Team Member</td>
<td>Car Assembly, Decoration, Ideas Contributor, Electrical Design, Drawing Design Assistance, Measurements, Research</td>
</tr>
</tbody>
</table>
Team member names and roles/strengths

1- **Anthony Malpica**:  
   Project's Director-  
   Designer-  
   Constructor-  
   Operator

2- **Camila Vazquez**:  
   Designer - Constructor

3- **Amirah Hamid**:  
   Constructor-  
   Operator

Amount of time spent on the vehicle  

\[ \text{4 weeks} \]