

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 Coc

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 No

Miguel A. Tirado -

Yared A. Bejaran

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 solar powered car for a competition. The car must be moved using solar energy. It must have a chassis and two-wheels axle. The car must show member creativity and unique design. The team must conduct a research about solar cells or solar panels. Calculations and electrical schematics should be presented in a technical notebook.

Extra page (not required) but liked by the judges, lists each member's role & strengths

Team Roles

Team Members:	Roles:	Strengths
Miguel Tirado	Team Leader	Design, Drawing, Planning (GanttProject), Logo Design, Make Order, Research
Yared Bejarano	Team Member	Car Body Chasis Construction, Ideas Contributor, Materials Research, Quality inspector, Drawing Design Assistance
Alejandro Orduz	Team Member	Car Assembly, Decoration, Ideas Contributor, Electrical Design, Drawing Design Assistance, Measurements, Research

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

4 weeks

