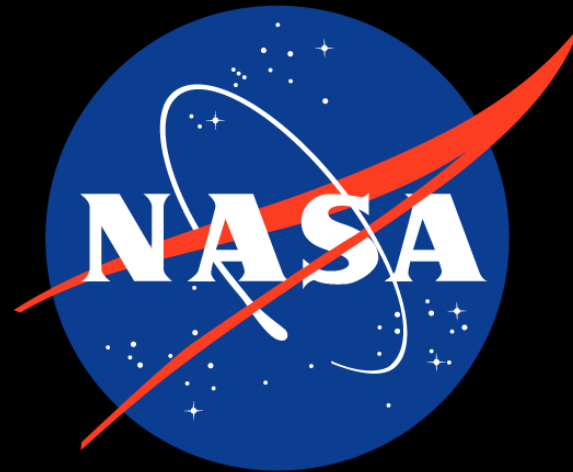




San Diego Youth Space Program

Kick-off Meeting | August 23, 2016

SDYSP Partners



Local Sponsors



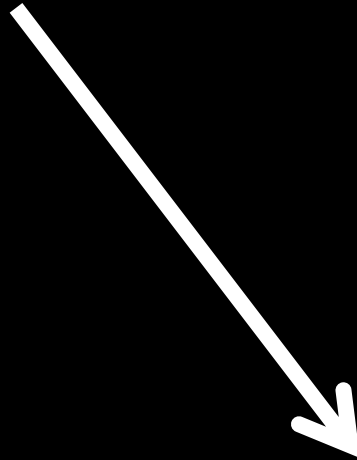
MARANATHA
CHRISTIAN SCHOOLS

Realcomm

SDYSP History



2012-2015



2012-2013



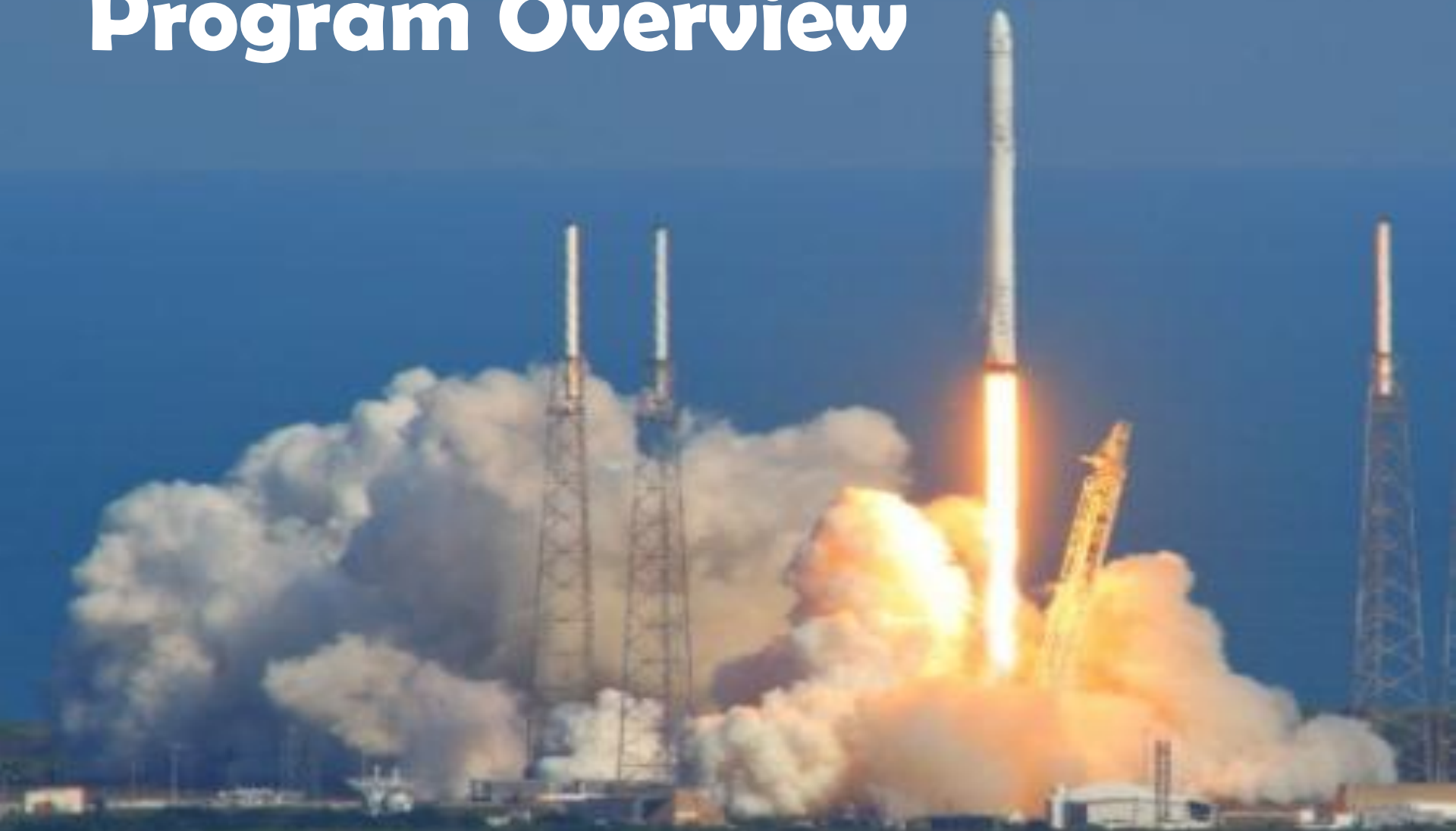
2014-2015



**San Diego Youth
Space Program**

2015-

Program Overview



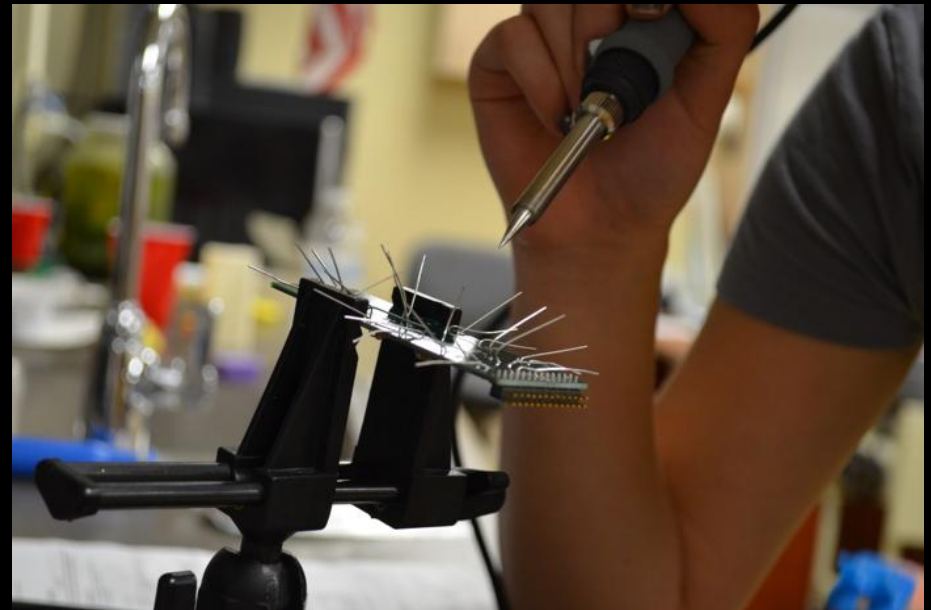
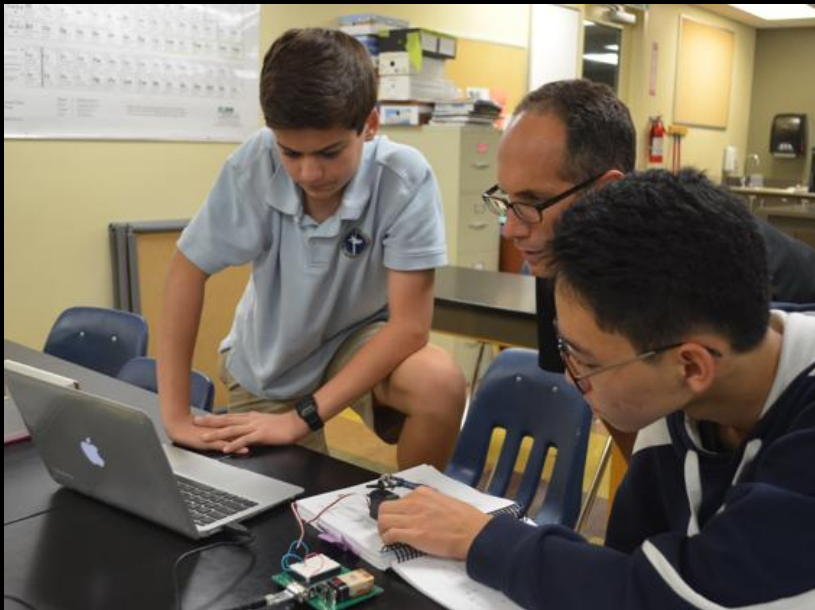
Program Overview

- rare opportunity only provided to a few high schools in the world
- conceive, design, build, test, and integrate a MicroLab science experiment
- Operate on ISS for 30 days

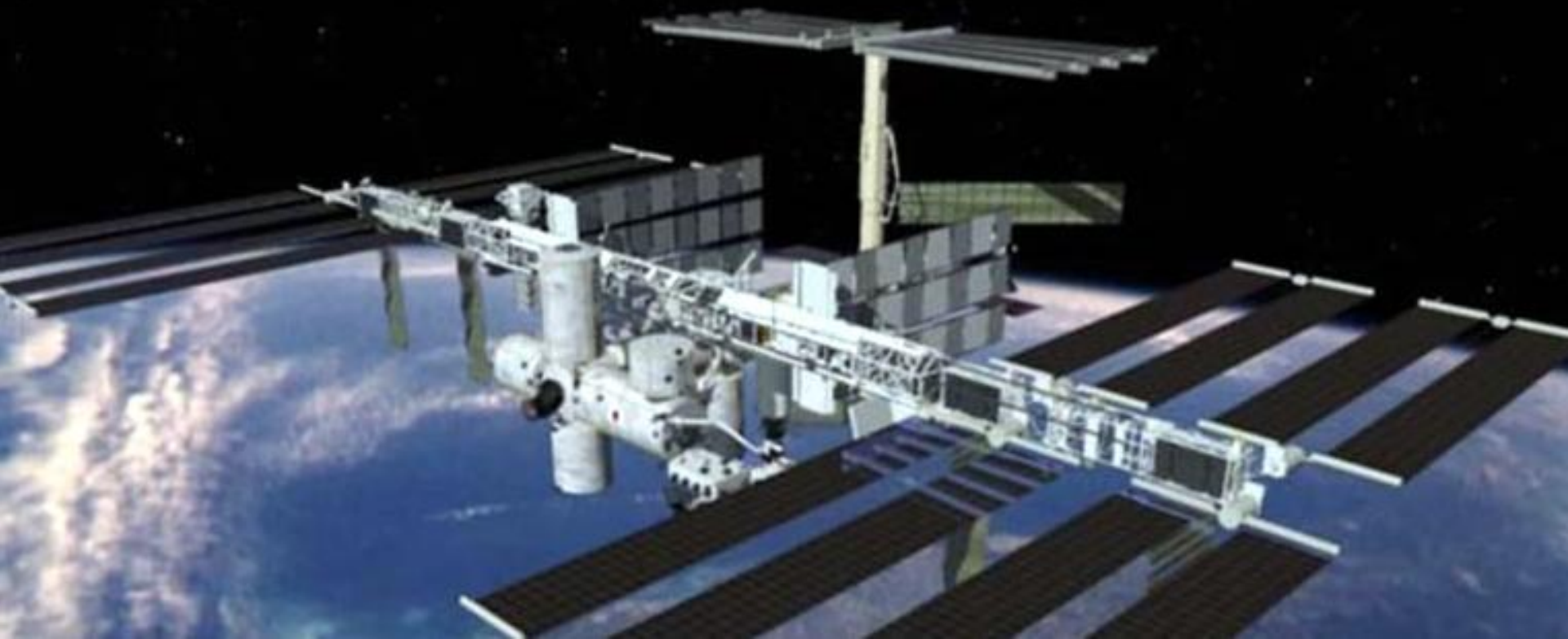


Program Overview

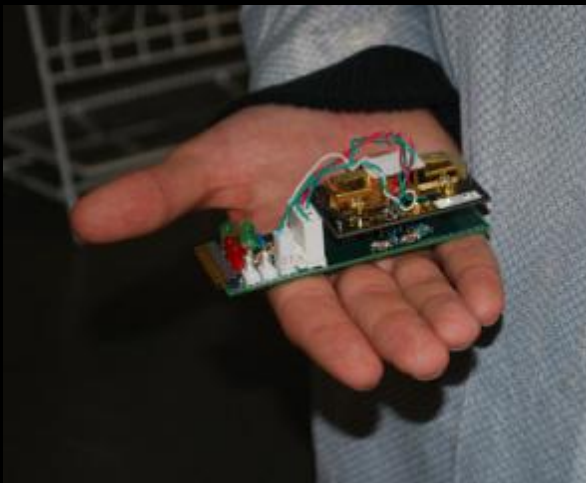
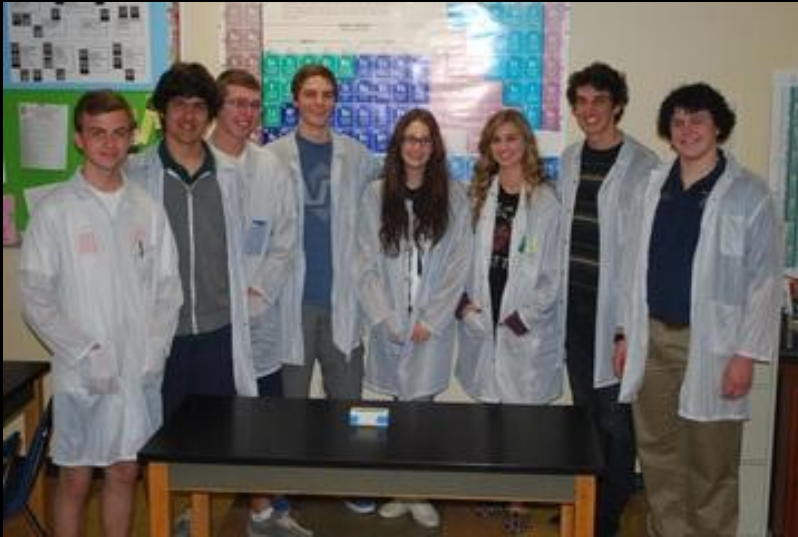
- Work on a real-world engineering project
- Learn the project design and development process from beginning to end
- Gain exposure to engineering, software development, documentation, and public relations
- Work as a coordinated team



Past Projects



MCS – 2012-13, 2013-14



Carbon Dioxide Monitor:
Thom I, Thom II

BE WISE – 2012-13

Crystal Growth



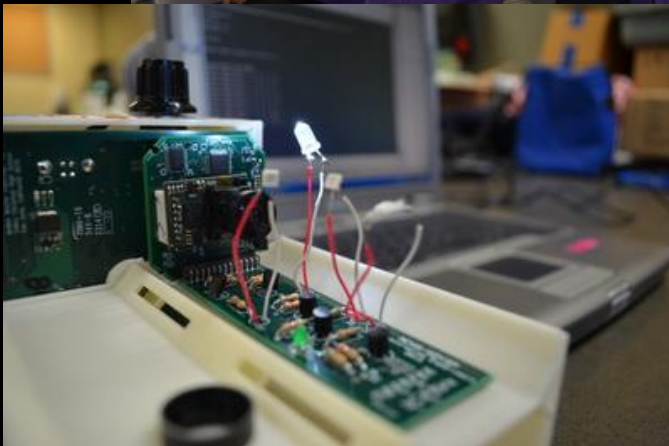
SDSA YSI – 2013-14, 2014-15

- Radiation Detection and Mitigation
- Liquid Bridge Deformation and Particle Motion Under Mechanical Rotation



SDYSP – 2015-16

Plant Growth and Phototropic Response



2016-2017 Plan

- Two-fold:
 - Phototropism II: launch 2017
 - New Project: launch 2018

