

Florida Timeline 2018-2019

NASA HUNCH Kick-off Meetings

8/22/18 – SCHS Visit

8/23/18 – PBMHS Visit

Design & Prototype Information to Teachers and students. Research links provided on website (www.hunchdesign.com) about the International Space Station, Life living on the space station and in microgravity, and the physics of microgravity. Take notes in your engineering notebook over what you have learned. Review the project power point and begin determining which projects interest you. Define your problem, research and take notes on those areas.

9/7/18 – Due date for project selections and defining information. Items due are:

- Project Identification
- List criteria and constraints
- Fill out “Title”, “Define the Problem”, and “Identify Criteria & Constraints” pages of your presentation

9/7/18 to 9/21/18 –

Research your project, brainstorm ideas, and select solution from ideas generated. Develop and propose possible design solutions and choose among those solutions.

9/12/18 – SCHS Visit

9/13/18 – PBMHS Visit

9/21/18 – Due date for “Research”, “Brainstorm”, “Propose Solution” pages of your presentation

9/21/18 to 10/5/18 –

Generate sketches and/or 3D CAD drawings of your solution. Update your power point with CAD models/drawings that include dimensions.

9/26/18 – SCHS Visit

9/27/18 – PBMHS Visit

10/5/18 – Due date for 3D CAD drawings or sketches and “Implement Solution” page of your presentation. Add screen shot of your sketches or 3D CAD models.

10/10/18 – SCHS Visit

10/11/18 – PBMHS Visit

10/19/18 – Due date for the “Communicate the Process” page of your presentation. Add details about how your solution works, how to operate it, how to use it, etc.

10/22/18 to 11/9/18 –

- build period for 1st prototype and add the “Make your Model” page to your presentation
- Generate one page Project Summary

- Project Title
- School Name
- Teacher Name
- Student Names
- Brief description of solution
- Photos of solution
- update all pages of your presentation.
 - Add pictures, screen shots of 3D CAD drawings, etc.
 - Make sure all information is up to date and ready to present

10/24/18 – SCHS Visit

10/25/18 – PBMHS Visit

11/9/18 – Due date for first prototype, presentation, and one page Project Summary Sheet

11/14/18 – SCHS Preliminary Design Reviews

11/15/18 – PBMHS Preliminary Design Review

11/30/18 – Due date for the “Evaluate the Solution” page of your presentation.

- This slide should include details of feedback from Preliminary Design Review and any other ideas or changes you want to incorporate into your design

12/5/18 – SCHS Visit

12/6/18 – PBMHS Visit

12/20/18 – Due date for updated 3D CAD drawings or sketches, and the “Refine the Design” page of your presentation.

1/7/19 to 1/25/19 –

- build period for final prototype.
- One page Project Summary Sheet needs to include the following information:
 - Project Title
 - School Name
 - Teacher Name
 - Student Names
 - Brief description of solution
 - Photos of solution
- Finalize presentations. Detail prototype descriptions and how your solution works. Be sure to highlight how your solution meets criteria and constraints.

1/9/19 – SCHS Visit

1/10/19 – PBMHS Visit

1/23/19 – SCHS Visit

1/24/19 – PBMHS Visit

1/25/19 – Due date for Final Prototype, presentation, and Project Summary Sheet.

2/6/19 – SCHS Critical Design Reviews

2/7/19 – PBMHS Critical Design Reviews

2/15/19 – Due date for summary of feedback from CDR.

2/20/19 – SCHS Visit

2/21/19 – PBMHS Visit

3/8/19 – Projects selected for Final Design Review at Johnson Space Center will be announced

3/12/19 – PBMHS Visit

3/13/19 – SCHS Visit

4/3/19 – SCHS Visit

4/4/19 – PBMHS Visit

4/16/19 – Final Design Reviews at Johnson Space Center, Houston, TX

4/24/19 – SCHS Final Visit ... wrap up for the year

4/25/19 – PBMHS Final Visit ... wrap up for the year

5/4/19 – NASA HUNCH Recognition Ceremony

Possible final visits may be scheduled if necessary before school ends for Summer.