

Generic Schedule

**Project
Requirements Lists
PDR, CDR and FDR**

**Presentation Board
Plus
Brochure**

See the Next Pages



**Generic Schedule
2026-27**

School Year and Flow - What Does a Year Look Like?



Kick Off
with
NASA
HUNCH
WEB
Site

1st 8-9 Weeks

Individual Selects Top
3 projects, perform
research
And then form teams.

Patent Searches

Teams start
Brainstorming and
Present solutions
To local Teams.
Each Team can
meet with **NASA**
HUNCH via
Video and Local
Experts.

2nd 8-9 Weeks

Teams work on
Creating a working
60-90% Prototype
and present to **NASA**
(Science Fair Style).

Recommend 90%

Preliminary
Design Review
With **NASA**
HUNCH in Person
(PDR)

3rd 8-9 Weeks

Teams work on
90% working
Prototype and present
to **NASA HUNCH** (Science Fair). **NASA**
HUNCH Team selects
NATIONAL
contenders.

Critical
Design
Review
With **NASA**
(CDR)

4th 8-9 Weeks

Team's work on
Polishing up Projects
and Filing a Simulated
US Patent, Copyright and
Trademark.

Final Design
Review
With **NASA**
(FDR)
At JSC or
Other Center
Invitation Only

Final
Awards and
Certificates
Innovation Day
Showcase
At Schools or
Districts -
Region

<https://nasahunch.com/>

2026-27 Requirement List

PDR - List - TRI-Fold

60% Plus Working Prototype

Board and Team D.A.A.N.) - Engineering Notebook

- Problem Statement
- Research 1 - Critical Effort
- Constraints - Requirements
- Brainstorming 1
- Research 2
- Brainstorming 2
- Functional Diagram and/or Conceptual Diagrams of three best results Brainstorming Results.
- Decision Matrix
- Example of Figma + Code for Functional Diagram
- Next Steps and Schedule Weekly Deliverables
- Preliminary Test Plan

PDR - List - TRI-Fold cont.

- **Client and/or Project Storyboards**
- **WEBSITE or Google Site**
- **4 Minute Video of your PDR Prototype**
- **3 Minute Video of your Presentation**

Complete Some Basic Missions

Produce Some log entries must record subsystem, element, current status, and timestamp:

Header Board

School, Name Team Number,
NASA Project Name, Team Project
Name, QR CODE (WEB SITE)

2026-27 Requirement List

CDR - List - Tri Fold

90% Plus Working Prototype

Presentation Board - Engineering Notebook (D.A.A.N.)

- Summary Problem Statement, Constraints Requirements
- Research 3
- Brainstorming 3
- Functional Diagram - With Info Flow
- Expanded Code for Each Functional Diagram
- Next Steps and Schedule Weekly Deliverables
- Code Files and Listing Samples
- Installation Instructions - Exec(s) Demo
- Test Plan - Full Testing Data
- Test Results - Statistics based on Log

CDR - List - Tri Fold or LAPTOP

- Improved WEBSITE or Google Site
- **Client and/or Project Storyboards**
- New 4 Minute CDR Video of your Prototype
- New 3 CDR Minute Video of your Presentation
- Video Testimonial(s) of Learning from **NASA HUNCH**
- **Marketing Brochure - Front and Back Single Page - See Next Page**
- Technical Presentation - Charts/Slides - Laptop

Complete Some Basic and Advanced Missions

Produce log entries must record subsystem, element, current status, and timestamp:

Header Board

School, Name Team Number, **NASA**
Project Name, Team Project Name, QR
CODE (WEB SITE)

CDR, FDR and Showcase / Innovation Day - All the Items in the CDR

Brochure Content

School Name, School Number, Team Name,
NASA Project Name, Team Project Name &
Teacher, City, State

Marketing

Description of Product
Value Statement
Top Attributes and Functions
Lots of Prototype Pictures

WEB SITE & QR Code

Technical Specifications + Link

QR Code

Functional Diagram
Pictures or Diagram of Prototype

NOTE: Pictures should not Include Students

FDR and Showcase / Innovation Day - All the Items in the CDR

FDR - List

100% Plus Working Prototype

Presentation Board - D.A.A.N. Engineering Notebook

- Summary Problem Statement, Constraints Requirements
- Research 2
- Brainstorming 3
- Functional Diagram - With Info Flow
- All code for the systems or subsystems
- All execute file to install and set up the systems
- Next Steps and Schedule Weekly Deliverables
- Code Files and Listing Samples
- Installation Instructions for each file - Exec(s)
- Test Plan
- Test Results - Statistics based on Logs
- Improved WEBSITE or Google Site
- **Marketing Brochure - Front and Back Single Page**
- Technical Presentation - Charts/Slides
- New 4 Minute Video of your Prototype
- New 3 Minute Video of your Presentation
- New Video Testimonial(s) of Learning from HUNCH
- **USB with above plus all Code and Exes plus Platform**

Header Board

School, Name Team Number, **NASA**
Project Name, Team Project Name,
QR CODE (WEB SITE)

Complete Many Basic and Advanced Missions

Produce log entries must record subsystem, element, current status, and timestamp:

USB

- with FDR Info plus all Code and Exes plus Platform
- Instructions or Execs to set up environment
- Readme to Set up Enviornment
- CAD if Applicable
- GITHUB Links if Applicable

Optional Team Engineering NOTEBOOK - D.A.A.N.

D.A.A.N (**D**aily **A**ccountability and **A**ctivity **N**otebook)

Contents (Summary of Team with Highlights assembled by Project Manager)

- Title Page (Course, Year and Quarter, Picture - Student Selected, Name of Student - First, Last)
- Table of Contents - Automatically generated
- New Page Each Day you work on subject
 - **Header 1**
 - Date - **Range**
 - **Body**
 - What did I accomplish since last time?
 - What am I planning to complete today?
 - What are my Challenges and Blockers?
 - What questions do I have? Do I need Help?
 - Add lots Pictures, CADs, Drawings, Notes, Test Results and Video