

# **Generic Schedule 2025-26**

**Project  
Requirements Lists**

**Presentation Board  
D.A.A.N.  
Plus  
Brochure**

**See the Next Pages**



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



**Kick Off**

**with  
NASA  
HUNCH  
WEB  
Site**

**Sign  
Space  
Agreement  
(SOW)**

## 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)**

**ADD**

Patent Process With the US Patent Office. (USPTO)

## 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/>

# 2024-25 Requirement List

## PDR - List

### 60% Plus Working Prototype

#### Presentation Board and Team - Engineering Notebook

- Problem Statement
- Constraints - Requirements
- Brainstorming 1
- Research
- Brainstorming 2
- Functional Diagram and/or Conceptual Diagrams of three best results Brainstorming Results.
- Decision Matrix
- Optionally Google Patent Search
- Optional Market Survey
- Example of Figma + Code for Functional Diagram
- Next Steps and Schedule Weekly Deliverables
- **Client and/or Project Storyboards**
- **WEBSITE or Google Site**
- **3 Minute Video of your Prototype**
- **3 Minute Video of your Presentation**

## CDR - List

### 90% Plus Working Prototype

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

- Summary Problem Statement, Constraints Requirements
- Research 2
- 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 for each file - Exec(s)
- Test Plan
- Test Results - Statistics based on Logs
- **Improved WEBSITE or Google Site**
- **Client and/or Project Storyboards**
- **New 3 Minute Video of your Prototype**
- **New 3 Minute Video of your Presentation**
- **Video Testimonial(s) of Learning from HUNCH**
- **Marketing Brochure - Front and Back Single Page**
- **Technical Presentation - Charts/Slides**

**Header Board** - School, Team Number, **NASA** Project Name, Team Project Name & Teacher

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

## FDR - List

### 100% Plus Working Prototype

#### Presentation Board - - Engineering Notebook

- Summary Problem Statement, Constraints Requirements
- Research 2
- 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 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 3 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

**Note:** Please feel free to include a Laptop in all your presentations

Also Note: WEB Site should include all Info above as well ( PDR-CDR )

## Brochure Content

**Identification** School, Team Number, **NASA**  
Project Name, Team Project Name & Teacher

### Marketing

Description of Product  
Value Statement  
Top Attributes and Functions  
Pictures

### WEB SITE

### Technical Specifications

Operating Systems(s)  
Programming Language  
Functional Diagram  
Pictures

**NOTE:** Pictures should not include Students

# Optional **Individual** Engineering NOTEBOOK

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

## Contents

- 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
  - **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, Test Results and Video

# Optional Team Engineering NOTEBOOK

**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?
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    - What are my Challenges and Blockers?
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