

971's Sustainability Practices

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Topics

- Team Organization
- Team Culture
- Knowledge Organization
- Recruitment
- Budget
- Sponsorship
- Team Building
- Relationship with School
- Defining Success



Team Organization

- Student - Mentor Partnership
- Students
 - Can join in freshmen year
 - No limits on what they can achieve
 - Expectations for attendance
- Mentors
 - Engage more students
 - No formal process to join
 - Roles
 - Student graduates
- Same rules apply to mentors and students alike



Team Organization

- Leadership Council
 - Consists of students and mentors
 - Frequent meetings
 - Meetings open to all
 - Agenda, action items, notes taken by team Secretary
- Student Leadership Positions
 - Changes each year
 - Roles: Captain, President, Secretary, Treasurer, Manufacturing, Purchasing, Scouting,....
 - Selection Process
 - Job Descriptions



Team Organization

- Leadership structure is evolving
 - Single Captain -> multiple “captains” -> Project Manager
- Single Captain system
 - Some students only did technical work and did not lead/manage
- Multiple “captains” system
 - Different areas of responsibility
 - Good for work-load distribution, bad for stuff falling through cracks
- Captain as Project Manager system
 - Responsible for sub-team leaders
 - Has the “big picture”
 - Manages the design/build process



Team Culture

- Team culture is an important part of 971
- Cannot be changed overnight
- Safe and welcoming environment
- Respect
- Gracious professionalism
- Constant communication



Knowledge Organization/Communication

- Team Web-site
 - frc971.org
- Google Drive
- Email
 - E-list
 - Google lists
- Slack
- Social Media



Recruitment

- Talking about robotics in our community
- Spring - fliers at MVHS and middle schools
 - Summer and 3rd Robot
- Back to School night and Club arena
- Integrating new students -
 - Rolling orientation
 - Formal training
 - Show up and ask questions
 - Work alongside other students and mentors
- Mentor recruitment
 - Welcoming environment
 - Show up and ask questions



Budget

- Budget set for each year
 - Summer project, robot, outreach, tools, etc.
 - Brings discipline
 - Education tool
- Accounting system on Google sheets
 - Linked to Purchasing Log
 - Spending tracked and reported



Sponsorship

- Finding sponsors
 - Be a Quality Team
 - Promote the team
 - Never lose your sponsors



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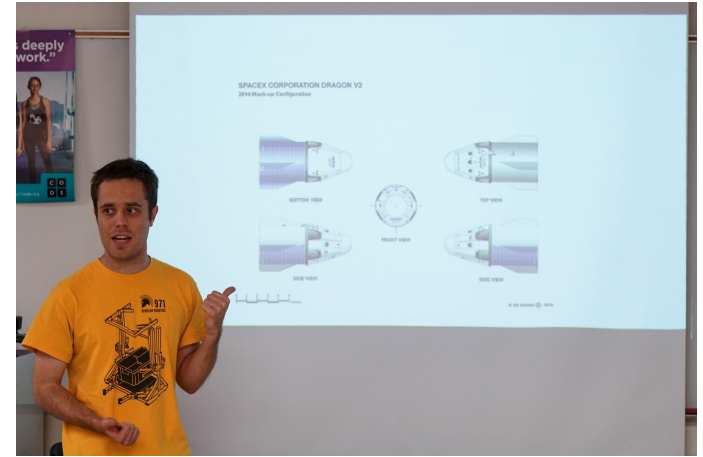


MVHS PTSA



Team Building

- Encourage inclusiveness
 - Fosters friendships and feeling of “family”
- Potlucks
- Mentor potluck
 - Mentor thank you
 - Transition for graduated seniors to mentor
- Alumni potluck



School Relationship

- Cultivate a good relationship with the school
- Updates
- Respect for all staff
- Sharing class space



Defining Success

- Don't have to have the winning robot
- Our goal:
 - Build a sustainable team that provides an enriching experience for students and mentors, grows to be a world class team, and has a lot of fun doing this
- Constantly improve
- What is your team mission?
- What are your goals?
- How are you planning to achieve them?
- Success sometimes comes in small achievements



Thank You!

