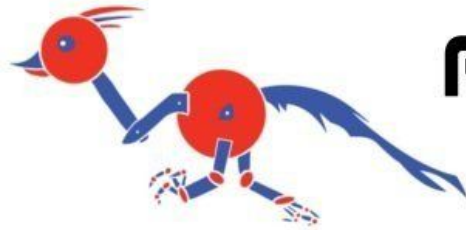


# Student Experience in *FIRST* Robotics



**FRC 2468**

Team Appreciate

Westlake High School | Austin, Texas

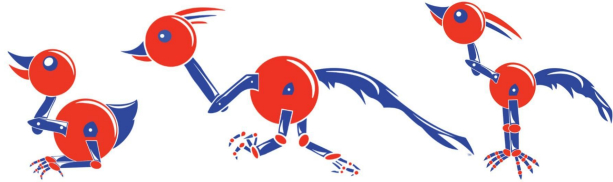
Norman Morgan  
FRC 2468 Team Appreciate  
Austin, Texas



# What if:



# A



# TEAMS

Three Teams. One Family.

FRC 2468  
Team Appreciate

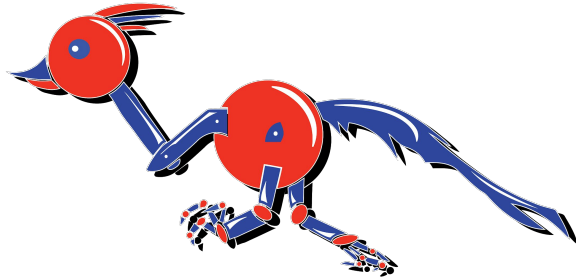
FRC 2687  
Team Apprentice

FRC 2689  
Team Alpha



# Teams – All member registered to one team only with *FIRST*

FRC 2468

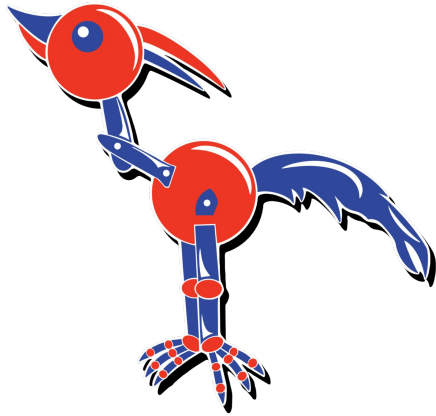


TEAM APPRECIATE

- The most veteran, skilled and focused students
- Most competitive team/advanced team
- All team members are enrolled in the FRC 2468 Class period
- Approximately 40-50 members each year
- Very involved in Outreach
- Leadership of the program
- 56% female, 70% female leadership roles

# Teams – All member registered to one team only with *FIRST*

## FRC 2687

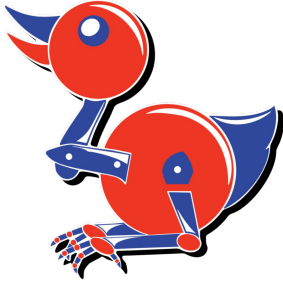


## TEAM APPRENTICE

- Composed of returning students with experience
- Focus: strengthen & improve technical skills, develop leadership skills
- Encouraged to be in FRC 2687 class period
- All leadership positions are in the class
- Approximately 35 - 45 members each year
- 24% females, 40% female leadership positions

# Teams – All member registered to one team only with *FIRST*

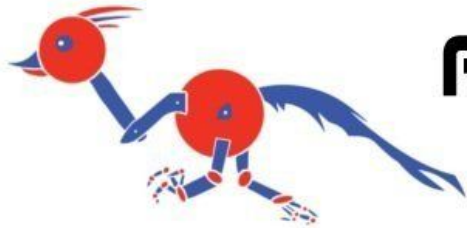
FRC 2689



TEAM ALPHA

- First year FRC students composed primarily of 9th and 10th graders (small % 11th & 12th)
- Focus: introduce and identify interests, develop foundational knowledge
- All team members required to be in FRC 2689 class period
- Typically 30 - 40 members each year (prefer smaller than larger for learning)
- This year we have 45 students
- 26% female the past two years

# What is Student Experience in *FIRST* Robotics



**FRC 2468**

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# Universal Themes we must appeal to \*

1. Love and Laughing
2. Safety and Security
3. Freedom and Spontaneity
4. Power and Responsibility
5. Fun and Playfulness
6. Awareness and Understanding

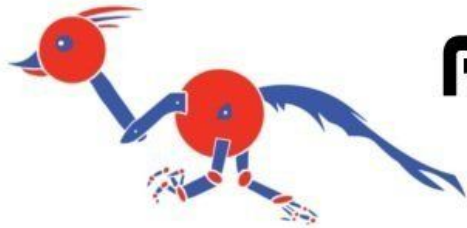
\*

**The Best Story Wins: How to Leverage Hollywood Storytelling in Business & Beyond**

<https://a.co/d/3700GKO>



# What is Student Experience in *FIRST* Robotics



**FRC 2468**

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# Benefits

Experience provides opportunities for success,  
Success creates a desire to learn and improve

- Team pride (Legacy) leads to program unity
- Leadership development
- Institutional Knowledge transfer
- Something for all to do
- Student Ownership and Team Integration
- Working on level of knowledge but experiencing success
- Assist other teams at a tournament



# THANK YOU

**Norman Morgan**

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FRC 2468 Team Appreciate

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