

Red Camouflage



Red Camouflage Stands Out

Community Impact

- 318 Thunderbolts to Date
 - Innovative Goal of 1,511 Thunderbolts in 10 years
- Yearly Activities
 - Lollypop Farm, Salvation Army Bells, Penfield Village Days, RMSC Demos, Soup for SuperBowl, Ice Cream Socials, Penfield Cleanup Day, InterVol, Feet for Food, Turkey Deliveries, Cub Scout Demos
- Patron Drive
 - 80+ patrons every year
 - \$8,000-\$15,000 raised every year
 - Promotes local businesses



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Partnership

- **Harris**
 - Demos: Engineers Week, Bring Your Child to Work Day, Year End Celebration, Robot Unveiling, Recruiting
 - Chairman's Presentation to Senior Staff
 - Tours of all 4 Harris Facilities
 - Model Shop Support
 - Regional Sponsorship, Judges & Volunteers
 - Internal Fundraisers & Announcements
- **School**
 - Facility Usage – all hours needed
 - Custodial Involvement – several attending regional
 - Administrative Involvement – Attending Events
 - Dedicated Robotics Room & Renovation Plan Around Team
 - AED Certification & Mentor Recognition
 - PLTW Involvement – Engineering Board, Student Projects & PHS Recertification
- **Community**
 - Thunderbolts
 - Patron Drive
 - Local Press – 8 Newspaper Stories, 10 News Channel Appearances



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Communication



- Team Emails
- Forums – Fun & Informative
- Team Meeting Announcements
- Team Calendar
- Online Requirements
- Engineering Notebooks
- Integration Meetings & Integration Sheets

Camouflage Colors Compliment Each Other

Engineering Impact

- Engineering Design Process
- Calculations
- Engineering Notebooks
- Integration Meetings
- Student Inventor Modeling & Design
- Two Model Shops – 50 Part Files, 100 parts
- Learned Manufacturability



Camouflage Colors Extend Into the Background

FIRST Impact

- **Four Big Events**
 - Rochester Rally
 - Rah Cha Cha Ruckus
 - FLL Razzle Dazzle
 - FLL Rumble
- **Robot Shipping**
 - 10/40 FLR Robots
- **Team Assistance**
 - Parts: Bumpers, servos, wheels, sprockets
 - Programming
- **FLL Impact**
 - 20 Teams
 - Summer Camps
 - Team Grants
 - Volunteering – 3 QT's, Clarkson Event, FL FLL Regional



Camouflage Colors Extend Into the Background

Constant Improvement

- Improved Since Last Year
 - Recruiting – 18 new students
 - Communication – forums, notebooks, team emails
 - Engineering Design Process
- Upcoming Ideas
 - Create Sponsorship & Recruitment Info Session for FRC, FTC & FLL
 - JFLL Tournament & Local Teams
 - Start 20 more FLL Teams
 - Start 5 FTC Teams
 - Online Training
 - Additional Training

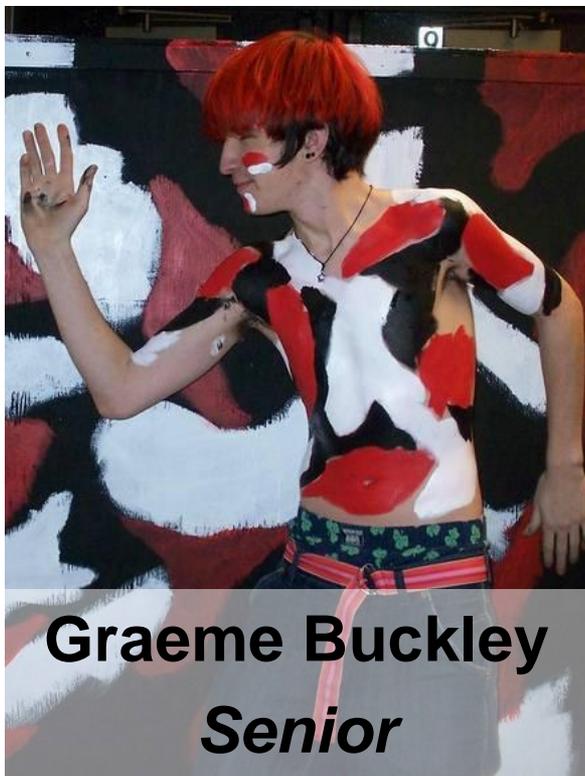


Camouflage Colors Compliment Each Other

Individual Impact



Theo Matt
Sophomore



Graeme Buckley
Senior



Jess Butler
Junior



Thanks!

Questions?