

# WHAT IS FRC?

FIRST Robotics Competition gives high-school teams 6 weeks to build a game playing robot. The game changes yearly keeping the excitement fresh. FIRST requires that teams are student run with professional adult mentors providing hands off guidance.

FIRST also has these programs:

- FIRST Lego League Jr. (K-4th grade)
- FIRST Lego League (4th-8th grade)
- FIRST Tech Challenge (7th-12th grade)

As of 2018 (27th year of FIRST) there are 3,650 active FRC teams with 91,000+ students participating in the program

In addition to on field competition, teams and team members compete for awards recognizing entrepreneurship, creativity, engineering, industrial design, safety, media, quality, and community service, and outreach.

## Team 3255 Schedule

There is a pre-season, build season, competition & off-season.

(Pre-season) Sep.-Dec: We train new students on tool safety and build a practice robot to give hands-on experience. We also conduct community outreach and fundraising.

(Build season) Jan.-Feb: We have 6 weeks to build a new robot under tight budget and game rule constraints.

(Competition Season) March-April: One regional is a 3 day event, where we compete in approx. 12 matches. If we win at this event, we are invited to attend World Championships in Houston, TX at the end of April.

(Off Season) May-August: When we are not competing, we are positively impacting our community by conducting STEM outreach at local schools and various community service activities.

# 2018 TEAM BUDGET

## INCOME

Roll Over	\$27,000
Corporate Grants	\$34,090
Asset Grant	\$8,000
Donations	\$700
Total Income:	\$69,790

## EXPENSES

Entry fees	\$9,000
Business	\$1,000
Field Elements	\$800
Prototyping	\$1,000
Comp./Practice Robot	\$11,000
Travel	\$10,000
Meals	\$1,500
Coaches	\$8,000
Team Trailer	\$3,700
Concrete for Practice Field	\$15,000
Total Expenses:	\$61,000



**SUPERNURDS**  
NEVER UNDERESTIMATE ROBOTIC DOMINATION

# TEAM 3255 HISTORY

The SuperNURDs (founded in 2009) is a robotics club at San Pasqual High-school in Escondido, CA.

Our mission is to provide a safe and welcoming after school program that mentors students in the study of STEM. Our team is synonymous with kindness, generosity of spirit, and unwavering helpfulness. Our core values are teamwork, positive attitude, and gracious professionalism. We encourage students who do not have technical to join our team and be open to learning.



## Accomplishments

2012 - San Diego Regional Winner  
2012 - Attended World Championship  
2015 - Imagery Award  
2015 - Innovation & Control Award  
2015 - San Diego Regional Winner  
2015 - Attended World Championship  
2016 - Hard Hat Safety Award  
(San Diego & Las Vegas Regionals)  
2016 - Quality Award  
2016 - Creativity Award  
2017 - Woodie Flowers Award  
2017 - Entrepreneurship Award  
2017 - Arizona West Regional Winner  
2017 - Attended World Championship  
2018 - Dean's List Award  
2018 - Entrepreneurship Award

# CONTACT US

If you:

- Are interested in becoming a sponsor
- Want to join our team as a student
- Want to help out as a professional

mentor

- Want a robot demo in your class-room/school
- Are a FLL, FTC or FRC team in need of assistance or mentorship
- Would like to join our annual game day kick off event
- Need volunteers for your community service program
- Would like us to host a workshop such as safety, team building, business or statistics to etc.
- Are hosting or promoting a STEM (Science, Engineering, Technology or Math) event

SuperNURDS Founder/Team Advisor: Mrs. Yun Lutgen SPS Mathematics Teacher  
EUHSD Teacher of the Year 2016

[ylutgen@euhsd.org](mailto:ylutgen@euhsd.org)

[frcteam3255@gmail.com](mailto:frcteam3255@gmail.com)

Mobile: 760-504-2658

School: 760-291-6000 xt. 6600

San Pasqual High School Room: 104

# OUR SPONSORS

**CATERPILLAR®**  
**Solar® Turbines**  
A Caterpillar Company

**DENSO**

**SOLIDWORKS**  
Department of Defense  
**DoDSTEM**  
Science • Technology • Engineering • Mathematics

**QUALCOMM®**

**MEZIERE**  
COMPONENTS OF CHAMPIONS

**Nordson**  
**TERADATA®**

**leidos**

**GENERAL ATOMICS**  
**AERONAUTICAL**

*MANY THANKS TO  
THE FOLLOWING FAMILIES:*

LEVIER  
TRAN

MARLER  
WARREN

CORDINGLY



# TEAM 3255

# THE SUPERNURDS



**San Pasqual HS**  
**Escondido, CA**

*"There is a superhero in all of us,  
you just need the courage  
to put on the cape"*

[www.supernurds.com](http://www.supernurds.com)  
[frcteam3255@gmail.com](mailto:frcteam3255@gmail.com)