



2021 VIRTUAL

**REC FOUNDATION
SUMMIT**

JROTC Robotics Program

Dylon Caudill





The REC Foundation & JROTC

The REC Foundation has teamed up with different branches of JROTC and Cadet Command to help introduce STEM into JROTC Programs. So far we have been successful with The VEX Robotics Competition by providing JROTC their own pathway of competition and by supporting them every step of the way!



ROBOTICS EDUCATION & COMPETITION FOUNDATION
Inspiring students, one robot at a time.



2021 VIRTUAL REC FOUNDATION SUMMIT

Ways to Compete



1

Game Challenge Matches

Multiple robots compete with other robots to score as many points as possible.

2

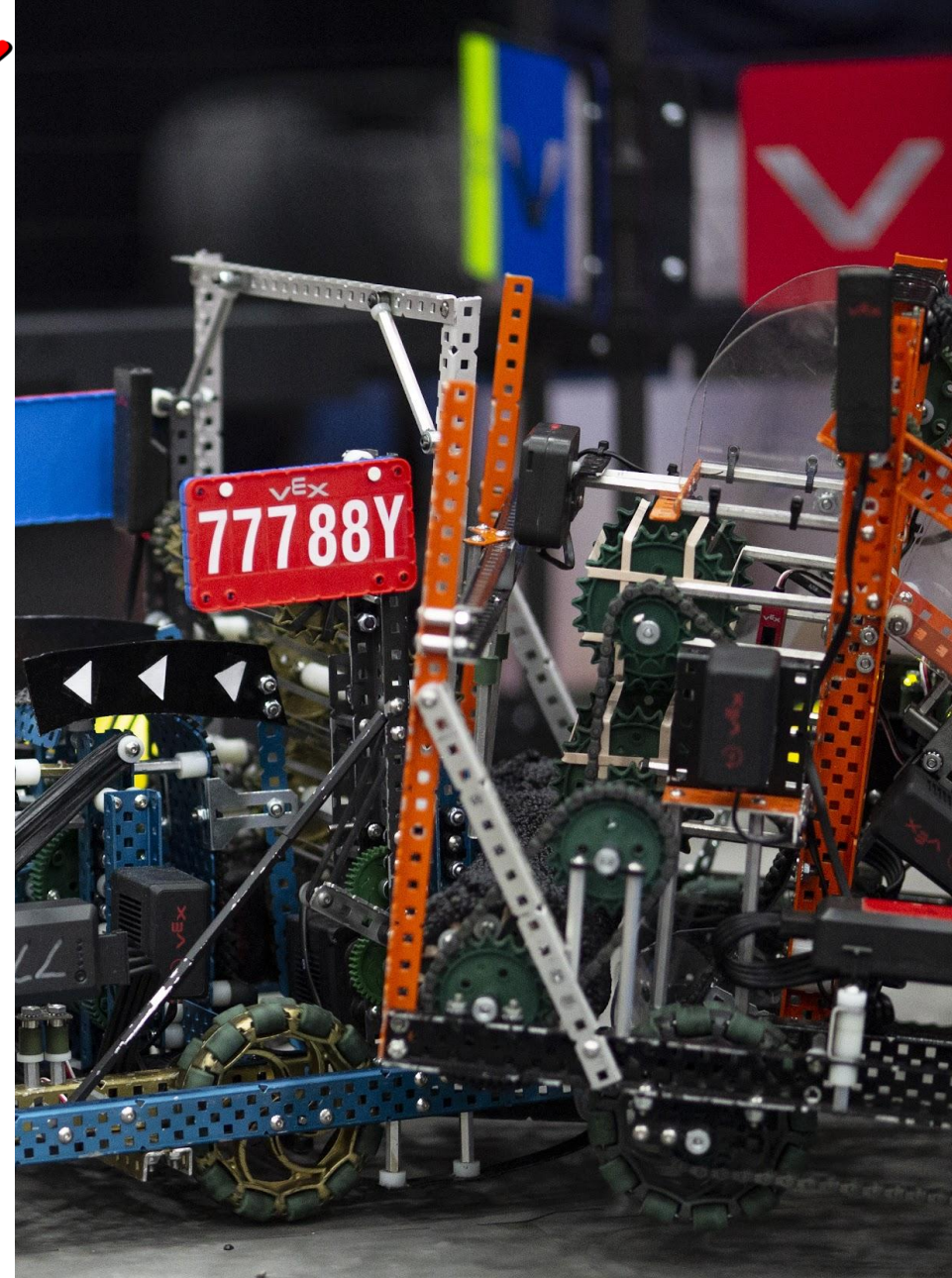
Driver's Skills Challenge Matches

Are entirely driver controlled, building problem solving, critical thinking and teamwork skills.

3

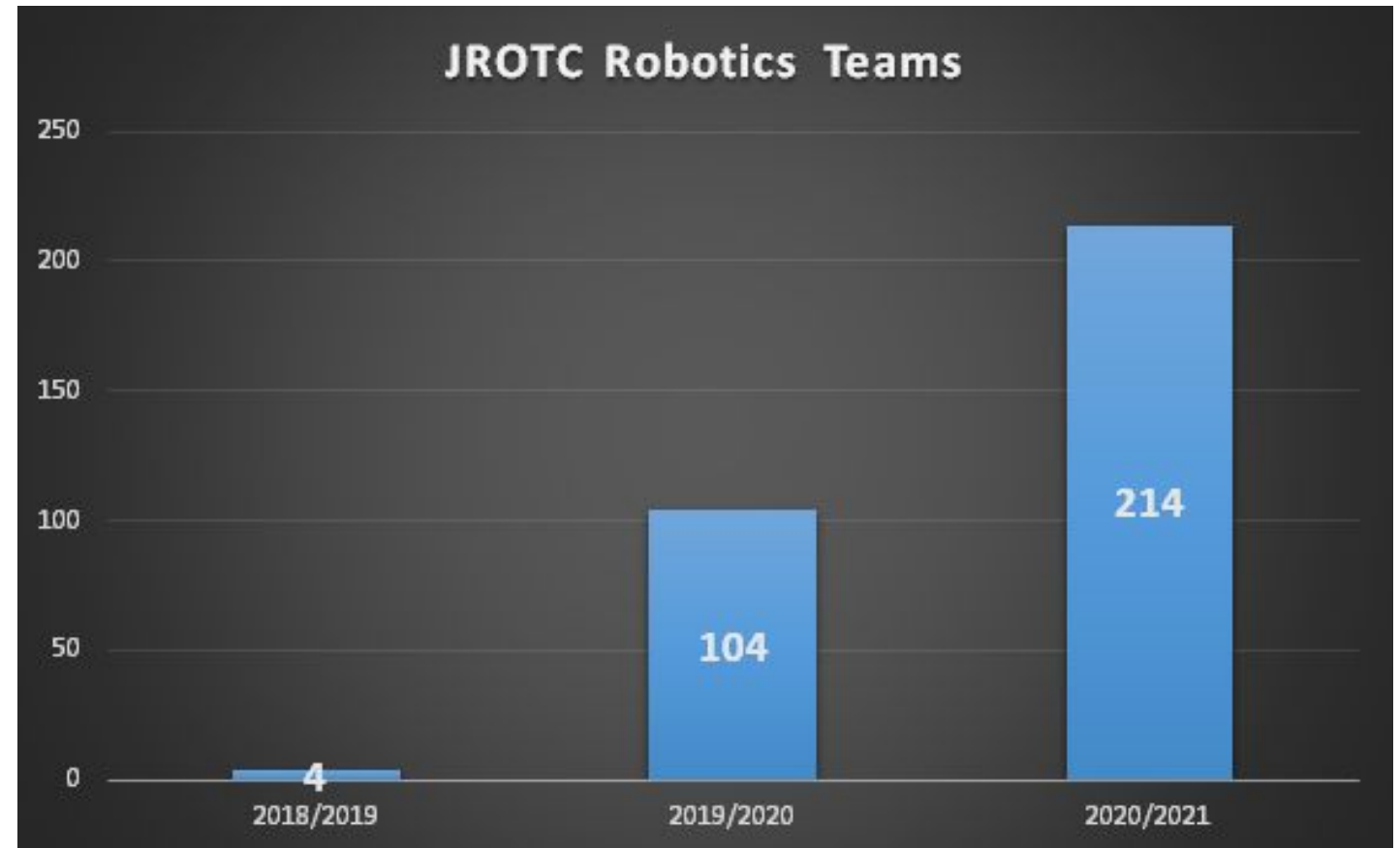
Programming Skills Challenge

One robot takes the field to score as many points as possible during an autonomous round with limited human interaction.





JROTC Robotics Teams



Deadlines

2022-02-28: Qualification for Regional/State Championship

2022-03-14: Season Standings Finalized

Global Standings

Standings for the 2021-2022 VEX Robotics Competition ranked season only includes results from official VEX Robotics Competition events.

The column labeled "Score" represents the highest Robot Skills score posted to date, and is used to rank teams.

The columns labeled "Programming Skills" and "Driver Skills" represent the individual scores that comprise the teams highest Robot Skills score.

The columns labeled "Highest Programming Skills" and "Highest Driver Skills" represent the highest individual scores in each category, these are used as tie-breakers per the official game manual.



Event Region

Country

United States



State/Province

All



Grade Level

High School



Team Affiliation

JROTC



☐ Include Post Season Results

JROTC Global Skills Rankings



1

2

3

4

Organization

Team

Contacts

Team Profile

* Team Number

42289

B

▼

* How many boys are on your team?

—

+

* Grade Level

High School

▼

Sponsor

G

* Event Day Emergency Phone Number *

740-361-5737

* How many girls are on your team?

—

+

* Has this team competed before?

No

▼

Special Needs

Team Affiliations

☐ AISES

☒ JROTC

☐ NSBE

☐ Special Olympics - Traditional

☐ Special Olympics - Unified

* Other Programs

☐ BEST Robotics Competition

☐ Botball Robotics Competition

☐ FIRST LEGO League

☐ FIRST Robotics Competition

☐ FIRST Tech Challenge

☐ FIRST LEGO League Jr.

☐ VEX U

☒ VEX Robotics Competition

☐ Project Lead The Way

☐ SkillsUSA

☐ World Robot Olympiad

☐ Girls Who Code

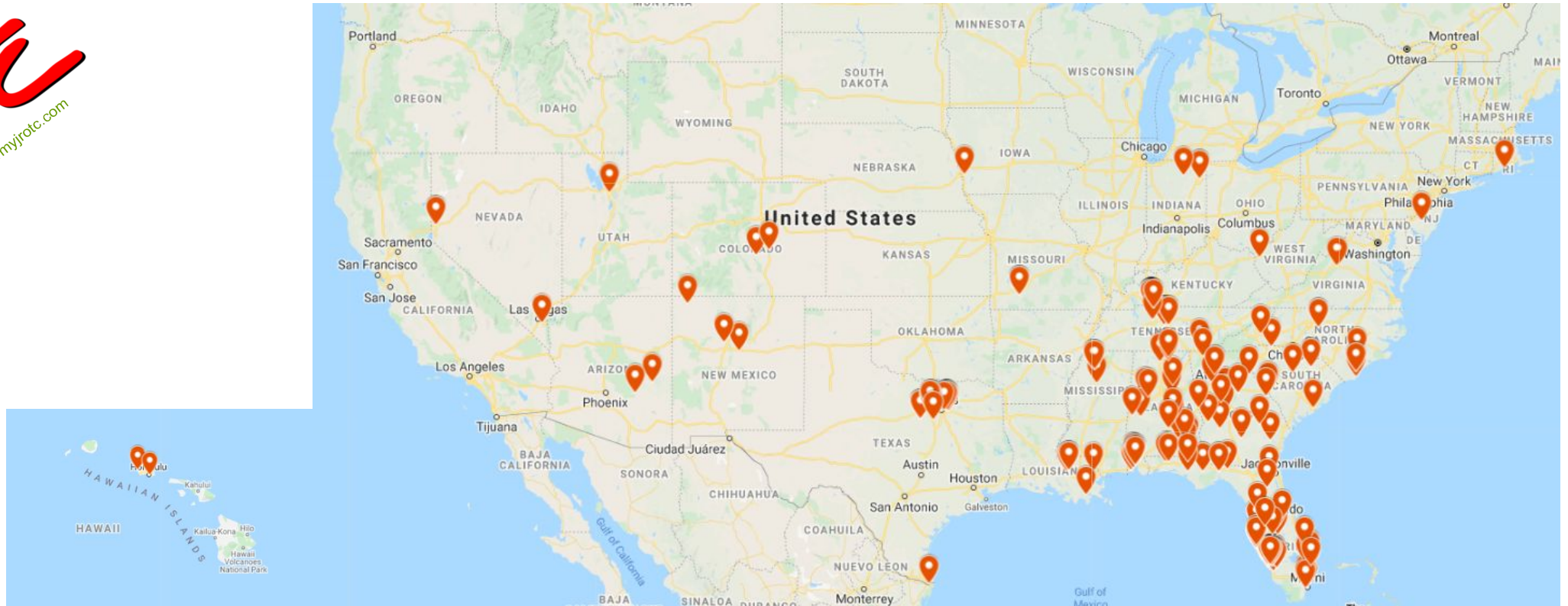
☐ None

Back

Next

How do JROTC Teams Register?





JROTC 2020-2021 Teams



ROBOTICS EDUCATION & COMPETITION FOUNDATION
Inspiring students, one robot at a time.

2021 VIRTUAL REC FOUNDATION SUMMIT



JROTC Program Overview

- JROTC Only events
- Same Competition as VRC
- JROTC National Championship @ VEX Worlds
- 50% Cadets
- JROTC Global Skills Ranking
- JROTC@Roboticseducation.org



THANK YOU



2021 VIRTUAL

**REC FOUNDATION
SUMMIT**