FIRST®
NORTH CAROLINA

Annual Report
2018-2019

Our Vision

FIRST North Carolina shares the vision of *FIRST* –
For **I**nspiration and **R**ecognition of **S**cience and **T**echnology:
To transform our culture by creating a world where science and technology are celebrated and where young people dream becoming science and technology heroes.
Dean Kamen – *FIRST* Founder

Our Mission

FIRST North Carolina shares the vision of *FIRST* to inspire young people to be science and technology leaders, by engaging them in exciting mentor-based programs that build science, engineering and technology skills, that inspire innovation, and that foster well-rounded life capabilities including self-confidence, communication, and leadership.

Who We Serve

In North Carolina,
the four *FIRST* programs by the numbers:

14300+ Student Participants

2600+ Adult Mentors

2000+ Volunteers

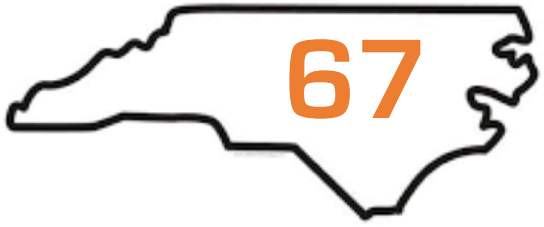
Countless hours of fun!

FIRST Programs are supported by two organizations in North Carolina. NC A&T State University manages *FIRST* LEGO League and *FIRST* Tech Challenge. *FIRST* North Carolina manages *FIRST* LEGO League Jr. and *FIRST* Robotics Competition

15 *FIRST* Robotics Competition teams qualified to compete at the *FIRST* Championship in Houston, April 2019

Our Commitment

FIRST North Carolina is committed to ensuring that every student in North Carolina has access to a high quality *FIRST* experience.



Counties

Mission MOON℠

FIRST LEGO LEAGUE JR.

It's never too early to discover STEM!

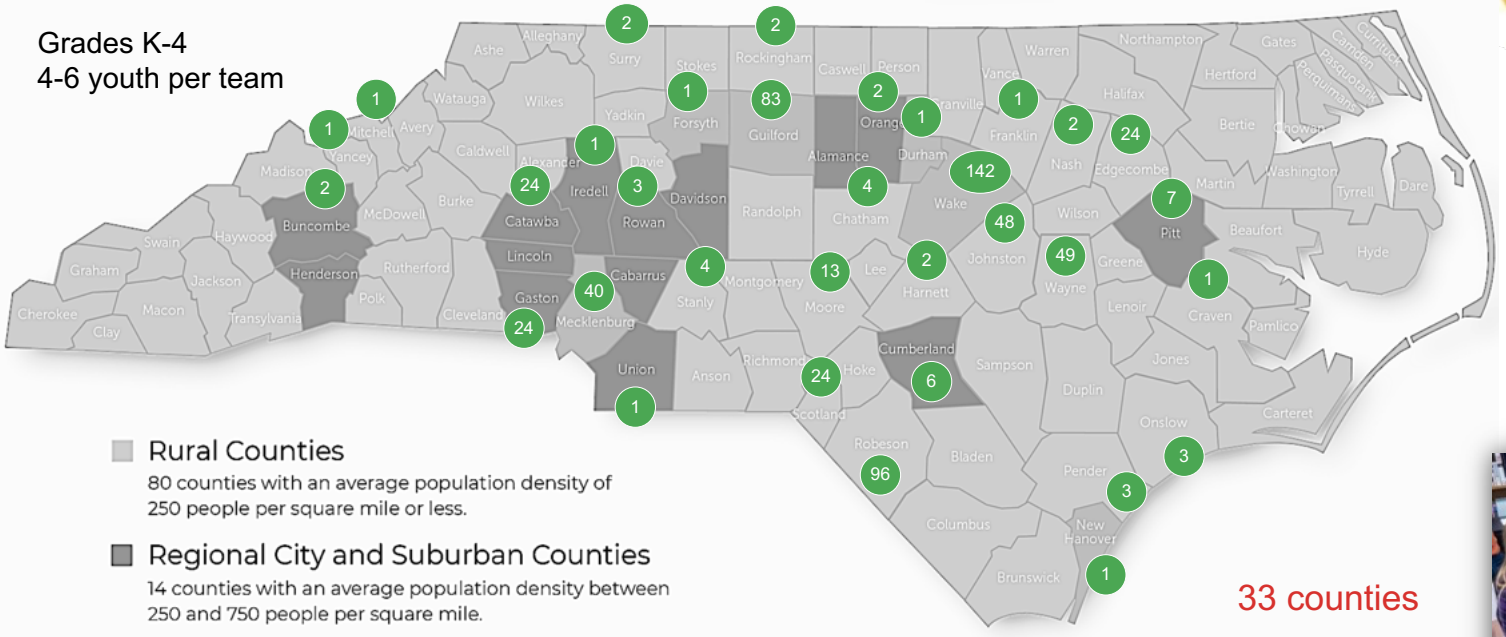
Through exploratory research, hands-on construction, teamwork, imagination, and fun with LEGO elements, *FIRST* LEGO League Jr. challenges teams of up to six kids in grades K-4 to explore a real-world scientific concept. As a group, teams build a motorized model and develop a Show Me Poster to illustrate their journey of discovery. Throughout the season, adult coaches provide guidance and inspiration.

4451 Youth Participated

20 Season Passes (1 Season Pass = 24 teams)

139 Individual Teams

Grades K-4
4-6 youth per team



Rural Counties
80 counties with an average population density of 250 people per square mile or less.

Regional City and Suburban Counties
14 counties with an average population density between 250 and 750 people per square mile.

Urban Counties
6 counties with an average population density that exceeds 750 people per square mile.

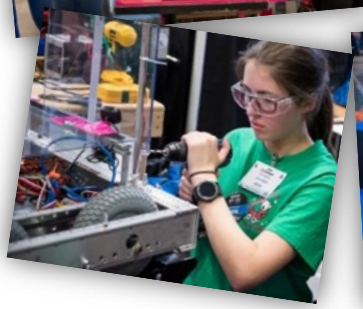
33 counties

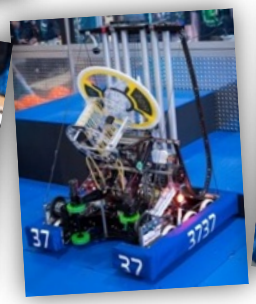
FIRST ROBOTICS COMPETITION

The excitement of sports, the rigors of science!

2450 Youth Participated

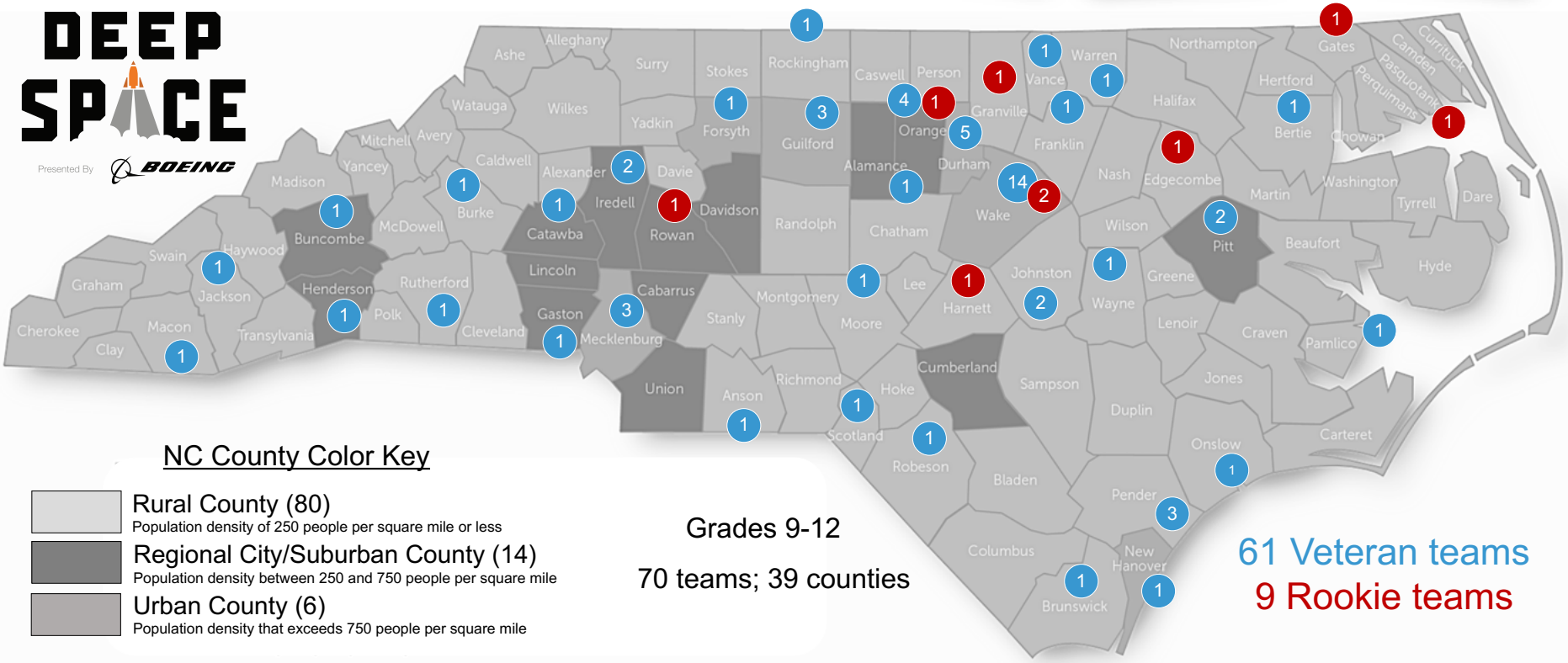
Under strict rules, limited resources, and the guidance of volunteer mentors including engineers, teachers, business professionals, parents, alumni and more, teams of 25+ students have just six weeks to build and program robots to perform challenging tasks against a field of competitors. They must also raise funds, design a team "brand", hone teamwork skills, and perform community outreach. In addition to learning valuable STEM and life skills, participants are eligible to apply for 80+ million in college scholarships.





DESTINATION: DEEP SPACE

Presented By BOEING



NC County Color Key

- Rural County (80)
  Population density of 250 people per square mile or less
- Regional City/Suburban County (14)
  Population density between 250 and 750 people per square mile
- Urban County (6)
  Population density that exceeds 750 people per square mile

Grades 9-12

70 teams; 39 counties

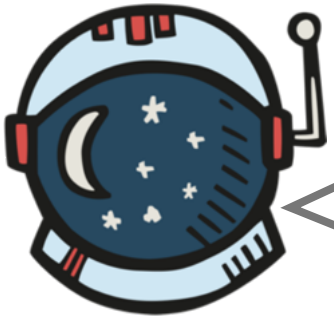
61 Veteran teams

9 Rookie teams

In their words...

The skills these students will learn through competitive robotics will ensure they are hirable upon graduation and provide them with a competitive advantage in an evolving economy. In addition, robotics has captured the imagination of every student regardless of age. It is motivational and inspires tapping into all the fundamentals of education. From research, planning, teamwork and outcomes. These are all the skills necessary for success in life.
~NC Representative Craig Horn

Collins Aerospace, like many businesses in North Carolina, has a continuing need to attract new, highly skilled employees, many of whom will need advanced skills in the areas of science, technology, engineering and math (STEM)", said Carrie Reeder, Director of Corporate Social Responsibility for Collins Aerospace. "If we are to grow and prosper as a company and support the economic development of our state and communities, we must look for ways to partner with organizations such as *FIRST* NC, in order to engage and prepare more of our young people to pursue STEM careers.
~Collins Aerospace



I was intimidated by the lack of girls especially ones of color like myself. However, I gained valuable communication skills and self confidence through my experience of being one of few girls on the team. *FIRST* taught me to stand up for myself and other young women in order to ensure our success in the STEM field.
Dani B. - FRC Student

Board of Directors

Chair	Chris Widmann	Extreme Networks
Immediate Past Chair	Alex Seidita	MetLife
Chair-Elect	Kevin Gordon	Collins Aerospace
Secretary	Paul Yanik	Western Carolina University
Treasurer	Deborah Porto	Johnston Community College
	Claudia Anderson	TE Connectivity
	James Conrad	UNC Charlotte
	Denise Cox	Cisco
	David Kaiser	NC Office of Science, Technology, & Innovation
	Herman Holt	UNC Asheville
	Lynn Little	Credit Suisse
	Merwan Mehta	ECU
	Bob Nelson	JAEGGAR
	Mark Rohlinger	Bosch Rexroth
	Laurie Schaefer	IBM
	JoLynn Shaw	Honda Aircraft
	Dan Stancil	NC State University
	Melissa Wittner	Inmar, Inc.

Staff

President	Marie Hopper
Program Director	Julia Wagner
Event Manager	Tom Gerber

Financials

Year Ended June 30, 2019

Revenues	
Contributions	$660,379
Other Revenue	$21,164
Total Revenue	**$681,543**
Expenses	
Program Expenses	$608,629
General/Administrative Expenses	$30,775
Fundraising	$27,787
Total Expenses	**$667,191**
Net Assets - End of Year	$243,670

THANK YOU TO OUR GENEROUS *FIRST* NORTH CAROLINA SPONSORS!

Mastermind

DUKE ENERGY®

Piedmont Natural Gas

ARGOSY FOUNDATION

TE connectivity

Qualcomm

Leader in Technology

Collins Aerospace

Captains of Innovation

Google

Extreme Connect Beyond the Network

Faircloth Skimmer

MetLife Foundation

Gateway University Research Park

UNC Pembroke

Campbell University School of Engineering

University of North Carolina Asheville

Collaborators

altice

VOLVO

Credit Suisse

cisco

HondaJet

BOSCH Invented for life

Gilliam Coble & Moser, LLC CPAs. Advisors. Retirement Plan Services.

Friends of the Future

MacCord Mason PLLC

PLEXUS The Product Realization Company

fuentek

PPG

FLATIRON

CATERPILLAR®

ECLECTECH, INC

AG & MB Childers Foundation, Claudia Anderson, Doug Biette, Kevin Gordon, David Parks, FRC 3196 Team SPORK. Laurie Schaefer, Joe Smith, Paul Yanik, Luke Ziemba

Celebrating 10 years of inspiring youth in North Carolina!

FIRST®
NORTH CAROLINA

For more information:
firstnorthcarolina.org
info@firstnorthcarolina.org
336.375.3861
@FIRSTNC
@FIRSTNorthCarolina