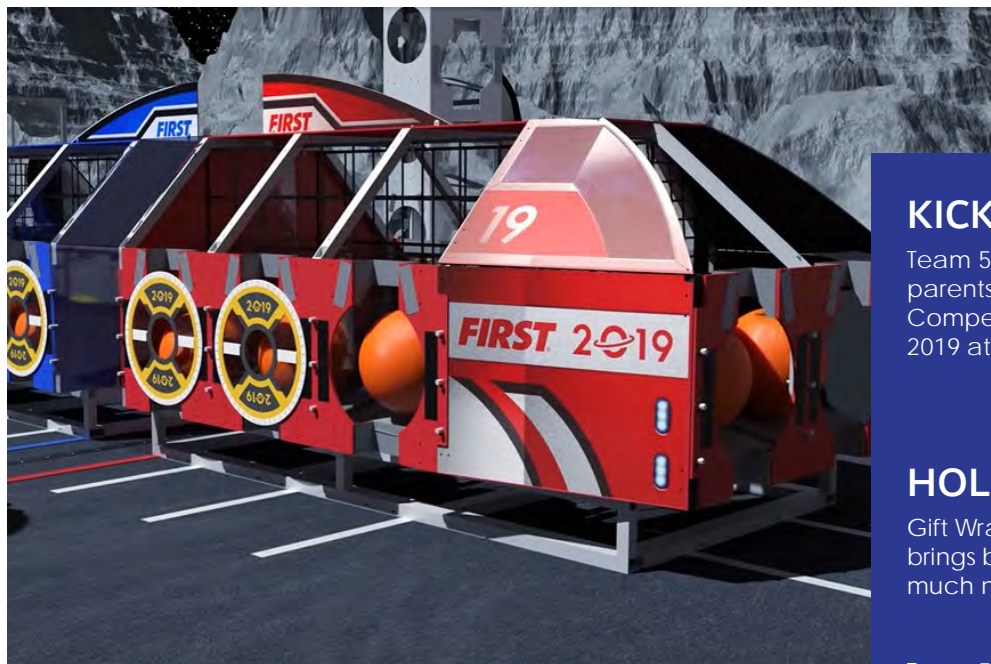


THE PK MONTHLY

VOLUME 1 | ISSUE NO. 1 | JANUARY 2019



Newsletter, Ready for Takeoff!

January 29th | Goffstown, NH

Welcome to *PKMonthly*.

The new Team 501, The PowerKnights Robotics Club Newsletter. Each month we'll provide a glimpse into the myriad of team event, schedule and activities.

This includes robot events, social gatherings and build season information.

We'll also provide updates on fundraising, sponsors, community partners and our Robot and competition..

THE
POWERKNIGHTS
ROBOTICS TEAM

Connect with The PowerKnights through



KICK-OFF 2019

Team 501 members, mentors and parents attends **FIRST** Robotics Competition World Wide Kickoff 2019 at SNHU.

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HOLIDAY SPIRIT

Gift Wrapping @ Bass Pro Shop brings both holiday cheer and much needed fundraising.

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Team 501 gets into the Holiday spirit by winning best Float Award at the Downtown Manchester Christmas Parade.

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FUN CITY

PK Team members take a quick break from December learning and training to Bounce around town.

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BUILD SEASON

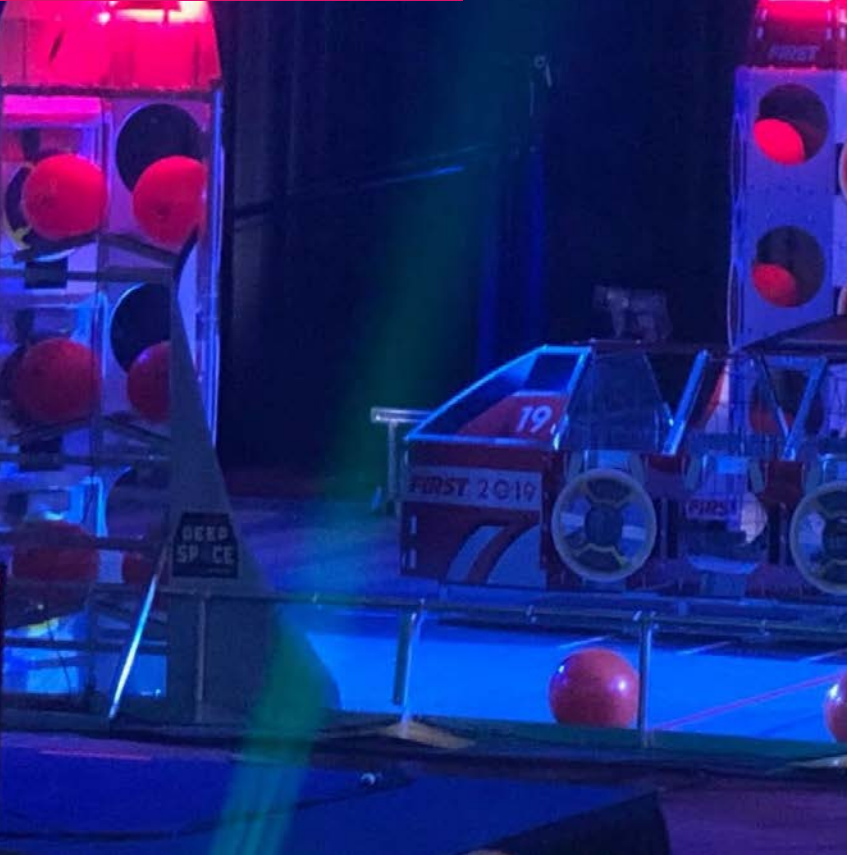
Build season begins with our annual "Human Player" Game and full field challenge.

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SPONSORS

Team 501 is incredibly proud and honored to welcome new sponsors to the 501 family.

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World-Wide Game Release Launches 2019 Season.

January 5th | Southern New Hampshire University, Manchester, NH
Every year FIRST invites teams to attend the live kickoff to show the new game with some special keynote speakers. Every team selects a few members to go and experience the field live. A few of our team members met the founder of FIRST, Dean Kamen! Dean Kamen also holds a Founders Dinner at his house and invites two mentors from local teams to attend. This years' mentors had a great time looking at all of his cool inventions!!





Holiday Spirit and Gift Wrapping at Bass Pro Shops

December 2nd | Bass Pro Shops, Hooksett, NH

The day after the annual Downtown Manchester Christmas Parade, students got up bright and early to head down to our local Bass Pro Shop, and offer our services as gift-wrappers for the holiday season. Spreading some holiday cheer, and community awareness about the team, was a great way to bond as students, and also to make headway towards our 2019 fundraising goal.



December 1st | Manchester NH

Team 501 The PowerKnights Robotics Club wins Best Float with Toast Bot & the Xmas tree guitar Float during Manchester's Annual Christmas Parade.

Team hands out thousands of Blue candy canes along the parade route to little kids while rocking the night away with Toast Bot jamming some music.

WHO DOESN'T LOVE A PARADE?



01

Students Peter, Cam, Matt, and Calvin take a breather for a picture after the float is finally completed and set up.

03

After hours of hard-work, our rockin' robot is ready to take on Downtown Manchester and a wild cheering crowd.

02

"Toast" Bot in it's full glory as the team walks Elm street, handing out candy canes to parade watchers.

04

In this work-in-progress photo, students Matt and Cam focus on constructing the "robot's" frame.

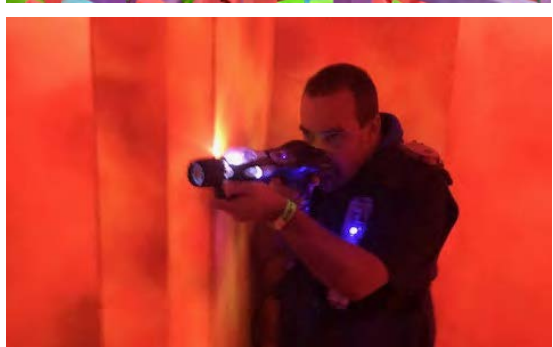
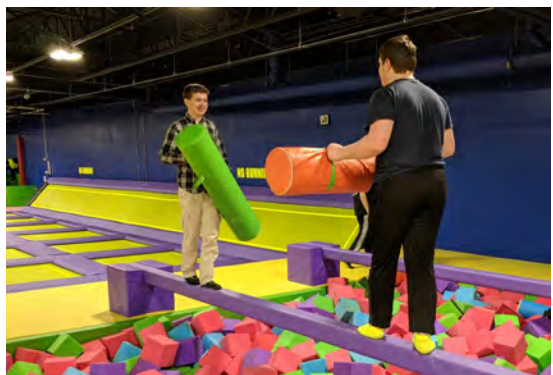
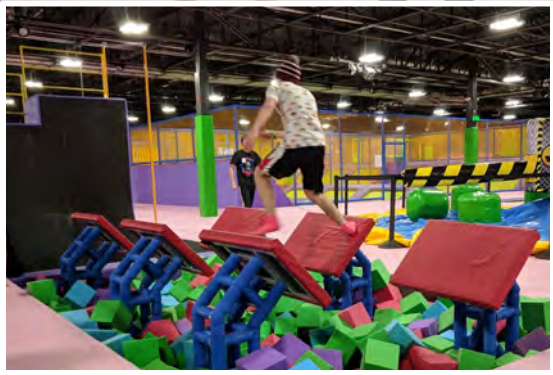
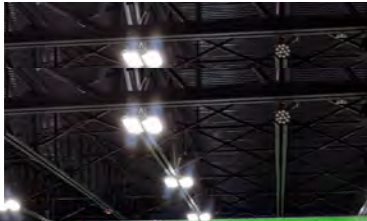




FUN-Raising.

October 30th | Goffstown Pumpkin Regatta, Goffstown, NH
What's a FUN-raiser without delicious doughnuts?! The PowerKnights attended the local Pumpkin Regatta in Goffstown, NH selling Krispy Kreme doughnuts at our booth. This is an annual event we have been participating in for years. Each year The team makes a pilgrimage to Saco, Maine, home of the Krispy Kreme distribution center to collect the hundreds of boxes of doughnuts. No one can resist delicious doughnuts, not even Fungo!!

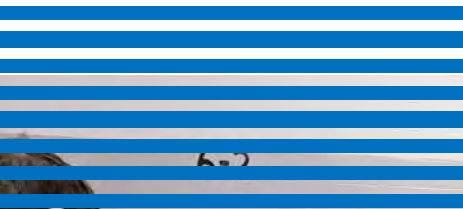




Bouncing Around Town.

December 18th | Fun City Trampoline Park, Goffstown, NH

As a reward for their hard work on the team following our second Krispy Kreme fundraiser, Team 501 headed down to Fun City Trampoline Park in Goffstown, NH. Team members participated in Trampoline Dodgeball; Foam American Ninja Warrior and Bubble Soccer. This was followed by a vast buffet of a madly competitive game of laser tag. Overall we left the night closer as a team, and ready for the challenge of the build season to come.



Build Begins.

January 6th | Mountain View Middle School, Goffstown, NH

Team 501 set off to build our robot in 6 weeks in time to get to Planet Primus. The first day of kickoff we watch the game release and read all of the rules to know them inside and out.

The second day we play robots! We make a prototype field a pretend to be robots completing the challenges that the game has created, helping us fully understand all the complexities of the game.





Dave's Dragons - Visiting Dave Yao, owner of Dave's Dragons in Goffstown, NH and giving him a big PowerKnight thank you for being one of our original Community Partners

Community Partner Program

January 26th | Manchester, Pinardville, Goffstown, NH

The PK Community Partner Program (CPP) is a way for the team to create awareness in our community and to let you know that we about the team and its accomplishments. We also want to create outreach to let you (our local businesses) know that we are ready to help out our community. Lastly, we want to create a partnership and relationship with our local businesses! We go canvassing on certain Saturday's and pop into our Community Partners businesses to say hello! Showing them what it means to be a part of The PowerKnight Community.



Goffstown Tire Warehouse
Team members stop by to say thank you to Tire Warehouse for being another original PK Community Partner.

2018 Season PK Community Partners

Dude's Barbershop
Louis P. Cote, Inc.
Henry's Collision Center
Arlene Creeden
Tates Gallery
John & Allison Cote
Tire Warehouse - Goffstown
Aubin Hardware
Dave's Dragons
Empire Pools
Putnam Fuel Co Inc.

2019 Season PK Community Partners

Putnam Fuel Co Inc.*
Louis P. Cote, Inc.*
Arlene Creeden*
Aubin Hardware* (EXTENDED 3yrs!)
Dude's Barbershop*
Best Door and Lock LLC
John Grenier, Sr
Choice Metals Inc.
Super Graphics LLC
Liberty Press
G&G Tool & Die Corporation (NEW!)
Baseball Barn (NEW!)
Duval's Towing and Garage, LLC (NEW!)
Podem Associates, Inc.(NEW!)

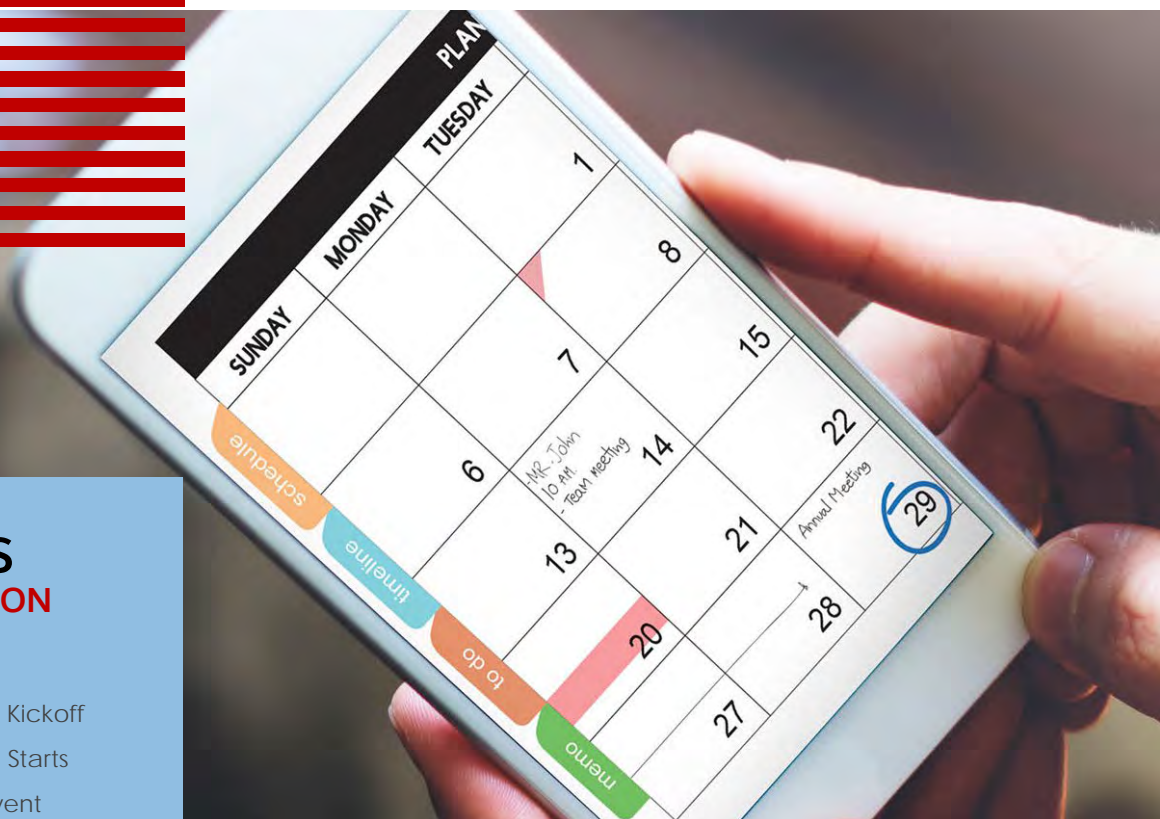
Lifeblood of the Team! Welcome to our New Sponsors & Donors.

It is our great pleasure and honor to welcome new team 501 sponsors and donors to the PowerKnights family. You are the lifeblood of our team, we cannot function without you and your support. We greatly appreciate all of your efforts and generous donations. Please give us feedback on the newsletter and what you want to hear from us.

GOLD	<div data-bbox="235 647 682 774">  </div> <div data-bbox="789 647 1253 774">  </div> <div data-bbox="349 846 596 904"> <p>Stu Lewin</p> </div> <div data-bbox="846 813 1139 923"> <p>PowerKnights Booster Club</p> </div>
SILVER	<div data-bbox="231 1025 459 1257">  </div> <div data-bbox="529 1051 896 1141">  </div> <div data-bbox="529 1186 929 1244">  </div> <div data-bbox="989 1060 1246 1219">  </div>
BRONZE	<div data-bbox="305 1331 608 1431">  </div> <div data-bbox="729 1321 1179 1437"> <p>The Charles Family The Marchesseault Family</p> </div>
PATRON	<div data-bbox="215 1566 494 1634">  </div> <div data-bbox="548 1576 896 1615"> <p>ABLE CRANE Service</p> </div> <div data-bbox="982 1562 1250 1634">  </div>
DONORS	<div data-bbox="291 1769 508 1833">  </div> <div data-bbox="622 1756 836 1837">  </div> <div data-bbox="922 1760 1182 1837">  </div>

KEY DATES 2019 FRC SEASON

- JAN05** | 2019 Season Kickoff
- JAN07** | Build Season Starts
- FEB16** | Week Zero Event
- FEB19** | Bag & Tag Robot
- MAR16-17** | NorthShore Event
- MAR30-31** | UNH Event
- APR10-13** | District Champs
- APR24-27** | First Champs



UPCOMING EVENTS

FEBRUARY 2019



2.13 | All Team Meeting (Goffstown H.S.)
Full team meeting with student members and parents.



2.16 | Week Zero (Merrimack H.S.)
Week Zero competition, every team tries out their robot.



2.19 | Robot in the Bag Day (Goffstown H.S.)
Robot must be completed and ready to bag. End of 2019 Build Timeframe.



2.23 | FUNDRAISER: PANERA BREAD (Manchester, NH)
5-9pm SAT 2/23 at South Willow Panera Bread.



MARCH 2019



3.13 | All Team Meeting (Goffstown H.S.)
Full team meeting with student members and parents.



3.16-3.17 | NorthShore Event (Peabody H.S.)
Week Zero competition, every team tries out their robot.



3.19 | FUNDRAISER: CHIPOTLE (Bedford, NH)
4-8pm TUE 3/19 at Chipotle on 2nd Street



3.30-3.31 | UNH Event (Durham, NH)
Robot must be completed and ready to bag.

OUR AFFILIATIONS

Team 501 is proud to be affiliated with the following key organizations that make it possible for our students to participate in FIRST Robotics Competitions (FRC) each year.



For Inspiration and Recognition of Science and Technology is an international youth organization that operates the FIRST Robotics Competition. In 1989, Woodie Flowers and Dean Kamen became the founders of this amazing organization. Their goal was to teach young and inexperienced kids about engineering and technological skills and fields, as a way to get more of them interested. Today the organization includes a total of 7,000+ teams world-wide.



4-H has a long history of supporting robotics programs through 4-H clubs, after-school programs, camps and curriculum. Through robotics, 4-H'ers learn teamwork, problem-solving, critical thinking, engineering and design. The 4-H robotics program inspires young people and develops an early interest in robotics engineering and technology.



Goffstown High School, located in Goffstown, New Hampshire, United States, serves the towns of Goffstown and New Boston. Goffstown High School Joined Manchester West High School in 2007 to form an even stronger award winning team. Go Grizzlies!



Manchester High School West, known as West High or West, is a public high school located in Manchester, New Hampshire. What is today our beloved team 501, The PowerKnights! Was first founded in 2001. Go Blue Knights!



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Connect with us through our Website and Social Media @



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