From rookie and veteran team alike, thanks to our schools and our communities and most of all our sponsors for their support and financial backing. We thank our teachers, advisors, and parents for teaching, advising, and giving us the opportunity to let us test our wings. We thank our mentors for giving up all of their free time to guide us, design with us, build with us, push us, and inspire us. Rookies – we expect great things from you! And we know you will continue to amaze us in the years to come! When it comes to Rebound Rumble, it's the hardest fun we've ever had!

July 11-15, 2012 Henrietta, NY
A multi-team robotics exhibition at the Monroe County Fair. Now in it's 4th year, The Rochester Rampage is hosted by FIRST Robotics Team 1511 - Rolling Thunder from Penfield High School. Teams from other high schools will also appear. This is the your chance to see what everyone has heard of…those action packed robots!

If your team would like to participate in the Rochester Rampage at the Monroe County Fair, please contact Tom Gamble, 585-334-4000.

Rah Cha Cha Ruckus VIII (RCCR 2012)
Mid to late October, 2012

Going to be in the Rochester Area around Halloween. Don't know what to do with your Rebound Rumble 'bot? How about joining the off-season party? Not only do you get to compete in a competition put together by a great committee, but you also get to have a great time! You can even come in costume, so can your robot!

Check out: http://www.ruckus.penfieldrobotics.com/ for more information.

Team 1511 Presents
Meet the Rookies of 2012!

During the 2012 competitive season, over 450 rookie teams participated in Regional, District and State Competitions. We applaud their efforts and their accomplishments!
Not all Rookie Teams can make it to the FIRST Championship. We hope you will agree that the 62 Rookie Teams competing this week in St. Louis represent the "Best of the Best"! To help you get to know them we have prepared this overview of each of the Rookie Teams.
These teams:
- Competed 73 times at Regional competitions, at 6 District Events, and at 2 State/ District Championships
- Received 49 Rookie All Star Awards
- 12 Rookie Inspiration Awards
- 19 Highest Rookie Seeds

They also picked up awards for Regional and District Winners, Regional Finalists, UL Industrial Safety, Website, Coopertition, Woodie Flowers Finalist, Wow!
These teams:
Were alliance partners in 51 quarterfinal rounds (9 times as captains), with 32 making it to the semi-finals, 22 moving on to the finals, and 17 teams were Regional or District Winners!

They have met all the challenges, some with surprising ease and some with great grit and determination. They have done Dean's Homework, formed partnerships with their schools, mentors, and communities and learned the meaning of Gracious Professionalism.

They have come to competitions with robots that performed, strategies that worked, spirit that shined, unique imagery, awesome technology and savvy well beyond their rookie year. We are awed by their achievements! Welcome to the FIRST Championship!

Thanks to all the teams for welcoming the rookies, sharing ideas, tools, and expertise to make sure that they had a great first year. Thanks for picking them up when they fell, treating them gently when they were bruised and considering them as equals in competition! You make great role models!
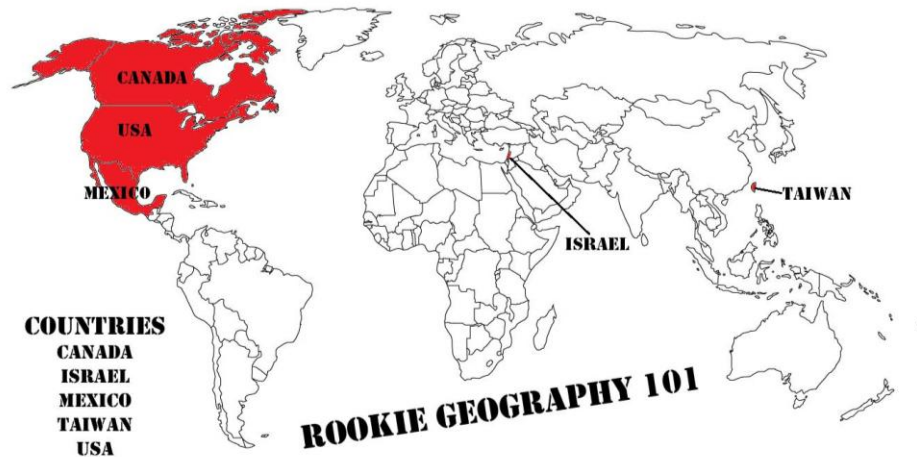
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Penfield High School, Penfield NY

www.penfieldrobotics.com

2012 Rookie Factoids

COUNTRIES
CANADA
ISRAEL
MEXICO
TAIWAN
USA

ROOKIE GEOGRAPHY 101

ROOKIE TEAMS REPRESENT 5 COUNTRIES AND TWO CONTINENTS

ROOKIE GEOGRAPHY 102

STATE NAMES

ARKANSAS	MICHIGAN
ARIZONA	MINNESOTA
CALIFORNIA	MISSOURI
CONNECTICUT	NEW YORK
FLORIDA	OHIO
GEORGIA	OKLAHOMA
HAWAII	OREGON
IDAHO	PENNSYLVANIA
ILLINOIS	TENNESSEE
INDIANA	TEXAS
MASSACHUSETTS	VIRGINIA
MARYLAND	WASHINGTON
MAINE	WISCONSIN

ROOKIE TEAMS REPRESENT 26 OUT OF 50 STATES

Super Sponsors!
We'd like to thank the sponsors of all the rookie teams for their great support, but we wanted to highlight a few SUPER sponsors! JCPenney (jcpenney) is the sponsor of 42 of the rookie teams here in St. Louis. NASA has given grants to 23 of these high achievers.

Crossing the Oceans!
Three teams are crossing an ocean to play with us in St. Louis. Team 4320 – The Joker from Israel will cross the Atlantic, while Team 4218 - NaviBots from Hawaii and 4253 – TAS Robotics from Taiwan will take the Pacific route. Bon Voyage!

4-H: Spreading STEM to Rural Areas.
Through County Fair and State Fairs, FIRST and 4-H have been promoting Stem and Robotics to our more rural and agricultural areas. This year, six rookie teams are representing those efforts: 3929, 3951, 4031, 4086, 4203 and 4356.

High Seeds!
Along with the astounding #1 finish for Team 4161 the T-Birds, several other teams ranked in the top 5 places at the end of qualification rounds: 3937 – Breakaway, 3970 - Duncan Dynamics, and 4269 - Cardinalbots. Well Done Teams!
****

All Rookie Meet and Greet

Who's Invited: All 2012 Rookie Teams!! (and any veterans that want to meet this year's great rookie teams!)
When: Friday, April 27 6:15 pm (after qualifying rounds end on Friday)
Where: Just past the Newton Rookie Pits near exit 4B
What's Happening: Fun Introduction Game, Distribution of information for your upcoming years to continue to make you a Great team! Meet & Greet other Rookie Teams! Find out what it took for them to get to St. Louis!
Bonuses!!: Free Prizes for Rookies!! Rookie Summary Booklet - get some great info on all the Rookies at Championships! Meet Dean's List Finalists!

4188 "Columbus Corps" — Newton

BAH/jcpenney & Columbus Alliance, Columbus, GA USA

Peachtree: Rookie All Star,

"HUA," this team operates with military precision! Located in Fort Bennings back yard, they are easily recognized in their Columbus Corps Camo shirts. This team brought together students from three schools and are often accompanied by their mascot SARGE (Super Awesome Robot Guy) in his Gilly suit.

4228 "iRobotics" — Newton

MasterCard / jcpenney & GFW High School & Minnesota New Country School, Winthrop, MN USA

Lake Superior: Rookie All Star,

Do you need fundraising ideas? Talk to this team from two rural High Schools! They collect used tennis shoes and cell phones to raise money and they distribute stock certificates to supporters who "take stock in a student!" They have overcome the challenge of distance to form a little team that can!

4262 "Robohawk" — Newton

Universidad Tec Milenio Campus Querétaro, Corregidora, OA Mexico

Seattle Olympic: Rookie All Star,

This team from Mexico is trying to bring science to people and apply it in their daily life. They have helped all generations learn technology through the use of computers. Mentored by Team 3354 (TecDroid), for a team building activity, they held "Barbeque Robohawk." Their robot is Ramona!

4294 "StarTREC" — Newton

Siemens / ZAP! Creative Services / Martin Thomas Builders / Lansing Learning / Holt & Dimondale Insurance Agency / Demmer Corporation / Holder Corporation / ALRO / Mid-states Bolt & Screw / Tech-Smith / FIRST / SRT & The Early College @ Lansing Community College, Lansing, MI USA

Michigan State Championships: Rookie Inspiration, Highest Rookie Seed; Kettering and Northvlle Districts: District Winner, Rookie All Star, Highest Rookie Seed, Rookie Inspiration,

This Michigan District team was started just three days before kickoff and has 12 students from 2 schools. They were mentored by Team 1504, Desperate Penguins, and worked in several locations during their build season. Their spirit is a big as the black flag with the giant star they wave during competition!

4320 "The Joker" — Newton

SRT & Rav Tchumi B Petach Tikvah, Petach Tikvah, Central Israel

Israel: Rookie All Star, Highest Rookie Seed,

Exuberant in their joker's hats, this Israeli team has a multi-generational focus. From Elementary Schools to senior centers, the Jokers like to teach technology and spread the word about FIRST. Completing their drive train of their competitive bot in 5 days, getting dealt The Joker could be the best card in your alliance!

4379 "Greased Lightning" — Newton

jcpenney/JCPenney/Rockwell Automation & Cypress Bay High School, Weston, FL USA

South Florida: Rookie All Star,

With a "Grease" image, this team has rocked and rolled in their community! They have assisted boy scouts get their robotics merit badge, volunteered at the museum, and played kickball for diabetes. They started as an FTC team and have grown to support several FTC teams and the FRC team.

3927 "RAW Robotics" — Archimedes

NASA / jcpenney / Wrobel Engineering / HH Arnold Machining / National Polish Alliance / SCIDYNE / Corcoran Brokerage / 7 Eleven Corporation & Boy Scouts of Weymouth, Weymouth, MA USA

New York City: Rookie Inspiration; Boston: Rookie All Star,

A "grass roots" team, RAW Robotics has built the support of their whole community. Their robot, Carlos, lived as a nomad in team members' cars before finding a home in the Sportsman's Club. Drawing from several school districts, they have already developed a pool of upcoming students to be on the team in future years.

3947 "The Last Crusaders / KNERDS" — Archimedes

NASA / jcpenney / Rolls Royce / Butler Tool & Die / Hoosier Feeder Company / J & W Machine Repair / Interactive Intelligence Foundation / Henry County Community Foundation / Indiana Department of Education through TechPoint Foundation for Youth & Knightstown High School & New Castle Area Career Programs, Knightstown, IN USA

Boilermaker: Rookie All Star, Finalist, Highest Rookie Seed,

The Knightstown New Engineering Robotic Design (KNERDs) began in 2008, competing in VEX, before making the leap to FRC. Mentored by Team 1501, Thrust, they have an Indiana Jones theme. This 9- student team has cut a trail of community service and hands on robot demonstrations.

3968 "Higher Voltage" — Archimedes

NASA / SRT / jcpenney / Esterline / Golden Pacific Embossing / Puget Sound Engineering Council / Medio Systems, INC. / Grainger / Boeing / Platt / Red Dot & Northwest Robotics, Renton, WA USA

Seattle Cascade: Rookie All Star, Highest Rookie Seed, UL Industrial Safety; Spokane: Finalist, Rookie Inspiration, Highest Rookie Seed

This group of home-school kids from western Washington got together and made a robot named Surge. Surge is a scoring machine! This team has earned respect and showed their competitors no fear - fulfilling the team motto, which sounds even better in Latin, we're sure, "Respect all, Fear none."

3997 "Screaming Chickens" — Archimedes

Texas Workforce Commission / jcpenney / Lockheed Martin Kelly Aviation / Time Warner Cable / Psyquel Solutions / ThinkGeek.com & Boy Scouts Explorer Post, San Antonio, TX USA

Lone Star: Rookie All Star, Highest Rookie Seed,

This FRC team is the newest project for Boy Scout Explorer Post 42. Their year-round program has a goal to teach all aspects of engineering. One member mentored an FTC Team and two others help with an elementary school level robotics program, while the whole team helps with "Build It Day" at a local museum.

3999 "Shadetree Mechanics" — Archimedes

NASA/jcpenney/Texas Workforce Commission & Shadetree Mechanics Inc., Killeen, TX USA

Alamo: Rookie All Star,

Getting off to a thunderous start, this team has done numerous outreach activities, including Geek Fest, Kid's Fest and the Bell County Expo. To ensure future growth, they support both FTC and FLL teams, and in a great rookie team effort produced a Chairman's style video to share their teams efforts with others!

4001 "Retro-Rams" — Archimedes

Striowski and Associates / Quanser Inc. & St. Robert CHS, Thornhill, ON Canada

Greater Toronto West: Rookie All Star, Regional Winner,

Highly organized, this team believes that every piece has its place and have a great informative website. Already reaching out to help other teams, they hosted a rookie night for other local first year teams and helped with kit inventorying and obtaining carpet. Be sure to ask for a team trading card!

4082 "Bulldogs" — Archimedes

Dayton FFA, Dayton, WA USA

Spokane: Regional Winner,

One of three Washington State Rookie teams in St. Louis, the Bulldogs used help from other teams to turn the kitbot into a winning alliance partner. Even without a shooter, they played the "Bump Box" to help their alliance score all six balls during the hybrid period. Four students have accompanied their robot, Skid-Steer, to MO!

4143 "Mars Wars" — Archimedes

NASA / Metamora Industries / Parson's Company / jcpenney / PTC / Caterpillar, Inc & Metamora Township High School, Metamora, IL USA

Wisconsin: Rookie All Star, Highest Rookie Seed,

Mars Wars began with pre-season sessions on machine use and safety, team building, robot development skills and a mock build competition with VEX. Team 1736 gave them a hand to get them started with equipment and advice. They are selling FIRST LED lightbulbs and seek financial and mentor sponsorships.

4206 "RoboVikes" Archimedes

jcpenney/Texas Workforce Commission & Nolan Catholic High School, Fort Worth, TX USA

Dallas West: Regional Winner,

The RoboVikes are part of their school's engineering club which competes in BEST in the fall and holds fun design challenges: popsicle stick suspension bridges, egg drops and bottle rockets. This explains why these Engineering II and III students shone at their first competition and were part of the winning alliance!

4218 "NaviBots" Archimedes

BAE / NASA & Island Pacific Academy, Kapolei, HI USA

Hawaii: Regional Winner,

Aloha! Welcome the NaviBots! These students start with Botball competitions in middle school and progress through Vex and now to FRC! They take a robotics class that is open to all grade levels. A recent public presentation included a robot demo followed by hex bug races and other kid friendly activities.

4256 "Cyborg Cats" Archimedes

The Boeing Company & Westminster Christian Academy, Town and Country, MO USA

St. Louis: Rookie All Star,

Already working on the future, this well organized team is working hard to inspire younger students to join robotics! They have made creative videos and "dance like a robot" on their website. To prepare for competition a scouting crew of students went to another regional to get a feel for the event!

4300 "Lion Kings" Archimedes

jcpenney & Texas Workforce Commission-McKinney High School, McKinney, TX USA

Dallas East: Rookie All Star,

Their robot is emblazoned "Hear Us Roar!" The Lion Kings intend to make it loud with plans to mentor JrFLL / FLL teams, offer robotics camps through their school district's summer camp program, and show their robot to middle school students. They are part of the MHS Engineering and Robotics Club.

4334 "Alberta Tech Alliance" Archimedes

SAIT / Alberta Innovates / Pason / Triumph & Bishop Carroll High School & Alberta Longhorn Robotics Society, Calgary, AB Canada

Greater Toronto East: Rookie All Star, Highest Rookie Seed, Coopertition,

After building a woodbot during pre-season, this 17 student, Catholic HS team built a defensive ball-stealing feeder robot named Rexbot. A center-of-gravity shifting mechanism allows the robot to traverse the barrier and climb the bridge with ease. Check out their fun time lapse build season video on YouTube!

4356 "CIA Robotics" Archimedes

jcpenney & SEMO 4H ROBOTICS, Chaffee, MO USA

St. Louis: Regional Winner,

Although the school has had great success in the past years with their FTC teams, the FRC team had a rough start. They started as a multi-school team but by the end it was just 4 students from one school that persevered. When the dust cleared, they built their regional winning robot in just 3 days!

4403 "Roult Team" Archimedes

MET MEX PEÑOLES, S.A. DE C.V. & Tec de Monterrey Campus Laguna, Torreon, CU Mexico

BAE Systems Granite State: Rookie All Star, Highest Rookie Seed, Coopertition,

From Mexico, the Roult Team got to see snow during their New England Regional! Made up of seniors in an engineering class, the team has developed a mission and vision statement and shared their regional experiences with other teams. They sold cupcakes, brownies and potato chips to come to St. Louis!

3929 "Atomic Dragons" Curie

The Boeing Company/ jcpenney/NextFab Studios/GP Precision Inc./Tech Manufacturing Corp./Widener University CS/NASA & J.R. Masterman Laboratory and Demonstration High School & 4H & Atomic Robotics, Philadelphia, PA USA

Mid-Atlantic Championships: Rookie All Star;
Mount Olive and Chestnut Hill Districts: Rookie All Star,District Winner

The Atomic Dragons formed a partnership with a corporate sponsor and found mentors at two universities. After struggling for a home, they built their robot in a donated space with donated tools, furniture and time. They received a visit by a PA Congressman during the MAR Championships.

3990 "Tech for Kids" Newton

Bombardier / CAE / IPEX / Sweet Isabelle / Boo Design! / TC TRANSCONTINENTAL / Plomberie Denis Paradis / KPMG / EMEDIA / APCRA & College Regina Assumpta, Montréal, QC Canada

Montreal: Rookie All Star, Regional Winner, Website, Dean's List Finalist,

Building the future, one brick at a time, these kids started training on VEX robots in the fall, tinkered with an old FRC kit, and learned LabVIEW and Inventor. They even found time to submit a safety animation! They sold cupcakes with LEGO decorations and team bracelets to raise money for competitions.

4021 "igKnightion" Newton

Logistics Health, Inc. / Pacal / jcpenney & Luther High School, Onalaska, WI USA

Minnesota 10000 Lakes: Rookie All Star,

A nine-student team, they have received great news media coverage. Their robot, Freddie has some used parts from a local fire department robot and showed his spirit at the school's mini Homecoming Rally. They were mentored by Team 3630 with some design help from a Team 2977 member.

4043 "Nerd Herd" Newton

NASA / Evergreen Aviation and Space Museum / jcpenney / Stitch-N-Embroidery, Inc. / Andrews-Cooper / State of Oregon / Boeing & EASA, McMinnville, OR USA

Autodesk Oregon: Rookie Inspiration; Las Vegas: Rookie All Star,

Using a scientific equation to define the expression "Nerd Herd," this team hails from the Engineering & Aerospace Sciences Academy. The Evergreen Aviation & Space Museum donated their build space and provided mentors. Going to their 2nd regional was a last minute decision that paid off with a trip to St. Louis!

4055 "Northwestern Robotics Gearheads (NRG)" Newton

Alcoa Foundation/jcpenney & Northwestern Regional High School, Winsted, CT USA

Northeast Utilities Connecticut: Rookie All Star,

You'll recognize the GearHeads because they have gears on their heads! This team is full of NRG and held team building and mock build sessions during preseason. They were helped along by 3 outstanding CT teams, 1124, 716 and 228, and they have already started to give back to the FIRST community!

4086 "TEAM Tesla" Newton

jcpenney & Boy Scouts of America Snake River Council & Canyon Ridge High School & Twin Falls High School & Twin Falls County 4-H, Twin Falls, ID USA

Silicon Valley: Rookie All Star,

Don't let the vest, cap and tie fool you, TEAM Tesla knows how to fight! They grew from an FTC Team to Explorer Post 411, drawing students from 5 schools. They are in St. Louis with two of their FTC teams! These "Rock Stars" from the Magic Valley (that's Idaho, not Indiana) are here to perform!

4089 "Stealth Robotics" Newton

NASA / Platt Electric / Puget Sound Engineering Council & Cedarcrest High School, Duvall, WA USA

Seattle Olympic; Spokane: Rookie All Star,

Starting in the fall, Stealth Robotics built a robot and made a presentation with it to the BOE before bagging it on Stop Build Day. But it was finally at competition that they understood, returning home to work on the whole team structure and robot design and were recognized by the judges for their amazing progress!

4122 "O-Bots" Newton

IBM / NASA / jcpenney & Ossining High School, Ossining, NY USA

NYC: Rookie All Star; Northeast Utilities Connecticut: Rookie Inspiration, Highest Rookie Seed

The O-bots have teamed the school's engineering club with the engineering design class to form a winning combination! Previous club activities have included an electric car, cardboard boat race, t-shirt launcher, and water rockets. This team wants to apply their knowledge in real-world situations!

4183 "Bit Buckets" Newton

NASA/jcpenney/Physics Factory/The Metal Man & BASIS Tucson Upper School, Tucson, AZ USA

Utah: Rookie All Star; Arizona

The year after their school offered a LEGO Mindstorms Robotics class, the students formed a VEX team and raised enough funds for a kit of parts. They now use VEX, LEGOs and a 3-D printer for demos and held a spaghetti dinner to get themselves and their robot TiMMy to St. Louis!

3931 "Cockadoodle Dominators" — Galileo

NASA / jcpenney / Chickasha Public School Foundation / Tinker Air Force Base / Chickasha Area YMCA / HSI Sensing / Canadian Valley Technology Center & Chickasha High School, Chickasha, OK USA

Greater Kansas City: Rookie All Star; Oklahoma: Rookie All Star,

This team focuses on safety, starting with their bright yellow shirts. They have a mechanical chicken mascot and continue the schools "Fighting Chicks" theme through their motto, "Hatching Dreams First," and their robot named, Clucky. They have a strong base for the future with only 3 seniors out of 43 students.

3981 "Les Loups (The Wolves)" — Galileo

CGI/École Polytechnique de Montréal/Fusion Jeunesse & Commission scolaire de Montréal & École Le Vitrail, Montreal, QC Canada

Montreal: Regional Winner,

This pack of French-Canadian students have formed a team with a motto that is an acronym of their team name. They hail from an alternative school and built their robot, Le Plywolf, out of an alternative material, plywood. Able to score 3 pointers, they also were able to be a feeder bot to another team.

4013 "Clockwork Mania" — Galileo

NASA/jcpenney & Orlando Science Schools, Orlando, FL USA

Orlando: Rookie All Star; South Florida

Working around the clock, this team has been busy! Their team members have participated in FLL and FTC and now mentor FLL teams, volunteer at FLL and FTC tournaments, and help Boy Scouts get their Robotics Merit Badge. They have run robot demonstrations at many places including "Sunday at the Park!"

4028 "Eagle Robotics" — Galileo

NASA/jcpenney & Cincinnati Hills Christian Academy, Cincinnati, OH USA

Boilermaker: Regional Winner,

Showing off their great teamwork, this teams robot, El Vader (named for its Darth Vader Helmet-like appearance) fit like a puzzle piece to their alliance mates and actually balanced on top of another robot during competition! They worked on the Science Olympiad robotic arm challenge during pre-season.

4031 "4-H Force" — Galileo

jcpenney & Penn State Extension, Brookville, PA USA

Pittsburgh: Rookie All Star, UL Industrial Safety,

As a 4-H based team, drawing students from two counties, team members have embraced the whole FIRST experience, writing essays, generating publicity, and using a cow mascot to help with fundraising! Meeting at a county fairground, the whole team gave themselves unique titles and emphasized safety!

4057 "KB Bots" — Galileo

NASA/State of Oregon/Dreyer Insurance Agency & Klamath Basin Robotics & EagleRidge High School & Klamath Union High School & Mazama High School & Henley High School, Klamath Falls, OR USA

Autodesk Oregon: Rookie All Star,Highest Rookie Seed,

Klamath Basin represents! Their bot is a bridge beast! Starting with only 5 students working out of their mentors' house, they now have 30 students from four sports rival schools. Their motto is "We are Indivisible," as they try to change the curriculum to take advantage of what FIRST offers.

4083 "The Iron Wolverines" — Galileo

jcpenney / Robert Bosch / NASA / SPAWAR / Showa Denko / Dorchester County / Dorchester District 4 / ACE Hardware / Harleyville Custom Cycles & Woodland High School, Dorchester, SC

Washington DC: Rookie Inspiration, Highest Rookie Seed; Palmetto: Rookie Inspiration; North Carolina: Rookie All Star, Finalist,

Started as an FTC team that took a hiatus but has returned, this team competed both in FTC and FRC and plans on growing to 35 students next year. Known as the young and the fearless, they have a 5-year plan and are forming robotics courses to fit in their HS Curriculum and planning a robotics summer camp.

4090 "Reb Teks" — Galileo

NASA/jcpenney/Arkansas First & Southside High School, Fort Smith, AR USA

Dallas East: Regional Winner,

Building BEST Robots during the preseason, the Reb Teks have expanded into FRC as part of a three-year agreement with Arkansas FIRST. They have 12 students, almost evenly divided between boys and girls, giving them room to grow! Mentored by the Bomb Squad Rookie Task Force, they triple balanced for the win!

3936 "Wild Wild Wolves" — Curie

NASA/jcpenney & Safe Harbor & Michigan City High School & Marquette High School & Westville High School, Michigan City, IN USA

Midwest: Rookie All Star,

Forming a community partnership, this teams draws students from three schools. They built their robot, Firehawk in an old school gym. They have a mentor from Team Hammond, and attended a scrimmage in Muncie, IN. After their regional, they build Firehawk 2 to carry their trophies to a school board presentation.

3940 "Cyber Tooth" — Curie

NASA/ jcpenney/ AndyMark, Inc./ H&R Industrial/Total Electronics/Haynes International/Fastenal & Northwestern High School, Kokomo, IN USA

Boilermaker: Finalist,Rookie Inspiration; Queen City: Rookie All Star, Regional Winner

After meeting during the summer, Cybertooth cut its teeth in robot design and build by building a robot to compete at the CAGE Match off-season. They have assisted in a local FLL tournament and held a pancake breakfast to raise money. They helped design a robot for the TV show, The Sons of Guns!

3941 "Absolute Zero Electricity" — Curie

National Defense Educational Program (NDEP) / jcpenney / U.S. Army Research Laboratory (ARL) & Techbrick, Havre de Grace, MD USA

Chesapeake: Rookie All Star, Woodie Flowers Finalist Award,

This multi-school team has partnered with Techbrick to create JFLL, FLL, FTC and FRC teams locally and worldwide. Their website is continually updated with daily status updates with photos, lessons learned during pre and build season and even tips to stay healthy during build season!

3950 "Robo Gym" — Curie

Adept Engineering/jcpenney/Flypaper Sportswear & North Shore High School, Glen Head, NY USA

SBPLI Long Island: Rookie All Star,

Mentored by Team 2638, this newest North Shore team was an alliance asset. With unstoppable bridge work and defensive chops this robot came ready to play! Their successful coopertition bridge balancing with their mentor team was highlighted on RTBot's Coopertition Page! Robo Gym rocks!

3951 "SUITS" — Curie

jcpenney / Xerox Corporation / Zeller Corp / DAC Contractors / Southco / Canandaigua National Bank / Dakota Systems / Skill Glass / Mattiacio Orthodontics & Ontario County 4-H, Honeoye, NY USA

Finger Lakes: Regional Winner, Highest Rookie Seed,

The Students Utilizing Ingenuity, Technology & Science (SUITS) started their award-winning ways during pre-season refurbishing a robot for the RahChaCha Ruckus with their mentor team, 1551, the Grapes of Wrath. Their robot was dubbed Darth Vader at the Rochester Rally with its black helmet like appearance.

3965 "The Sultans" — Curie

jcpenney/ S.A.I.C /Project Lead the Way @San Diego State University/ QUALCOMM / Miramar College's Advance Transportation Technology and Energy Program / Universal Technical Institute & Santana High School, Santee, CA USA

San Diego: Rookie All Star,

Looking royal in their purple, white and gold, the Sultans of Santana High School started their build season by participating in a robot quick build session. Their school also successfully competes in the PLTW Design Competition and the team has received great press before and after their competition.

3970 "Duncan Dynamics" — Curie

jcpenney / NASA / Pelco by Schneider Electric. / PTC / Brin Wojcicki Foundation. / Platt Electric & Duncan Polytechnical H.S, Fresno, CA USA

Sacramento: Rookie Inspiration, Highest Rookie Seed; Central Valley: Rookie All Star, Highest Rookie Seed

Pushing for the best everyday, a team of students from disadvantaged areas has formed at a school with no competitive sports. Competing in VEX and FRC, they were mentored by team 1671. They completed their bridge-balancing triple-point shooting robot after a long 16 hour work session on Stop Build Day!

4069 "Lo-Ellen Robotics" — Curie

Hatch / Xstrata Nickel / SNC-Lavalin / Thales & Lo-Ellen Park Secondary School, Sudbury, ON Canada

Greater Toronto West: Rookie Inspiration, Highest Rookie Seed; Waterloo: Rookie All Star, Highest Rookie Seed, Coopertition

You can find this team in their very purple colored pit, or with their cartoon robot mascot, Saturn! From a small school, they were mentored by Team 1305. Their Safety Captain was a Safety Star of the Day! Those skills were needed when they had to evacuate their hotel because of a fire alarm in the middle of the night!

4130 "Blue Devils" — Curie

SRT & Richmond High School, Richmond, MI USA

Michigan State Championships: Rookie All Star; Northville and Troy Districts: Rookie All Star,

This team has started strong with sustainability as a focus! They have a plan for the future, developed a sponsor package and now have 10 supporting businesses. They share their happenings with a weekly newsletter. They are mentored by Fighting PI (1718) who shared build space to make their defensive robot.

4161 "T-Birds" — Curie

jcpenney & T-Bird Tech, Yucaipa, CA USA

San Diego: Regional Winner, Highest Rookie Seed,

As the first ever rookie 1st seeded team in the San Diego Regional's history, the T-Birds went on to win the regional. The tiny seven member team with a tiny budget hails from a PLTW school. They designed their winning robot in just eight days and have been called a Cinderella story by local media!

4203 "RoboKronos" — Curie

Munson's Hardware / NASA / Prolifiq / Oneonta State College / Medcoach / IOXUS / Corning Life Sciences of Oneonta, NY / jcpenney & Cornell Cooperative Extention of Otsego County 4H & Oneonta High School, Oneonta, NY USA

Finger Lakes: Rookie All Star,

Receiving great support from Teams 145 and 250, these Titans of Technology have formed a team with 13 students from several schools and 10 mentors. Wearing 4-H green, they are the first and only High School STEM Team in their county. Their robot rode in style to St. Louis in a traveling All-Star Rookie crate!

4226 "Huskies" — Curie

jcpenney/MidSota Manufacturing & Albany High School, Albany, MN USA

Minnesota North Star: Rookie All Star, Regional Winner, Highest Rookie Seed,

Changing the culture because they are actually considered a sports team, the Huskies started almost by accident. With a long distance mentor with a unique perspective, excited students and new leaders that have emerged to meet the challenges of being a FRC team, this team is off to a great start!

4253 "TAS Robotics" — Curie

Taipei American School, Taipei, Taiwan

Hawaii: Rookie All Star,

Coming from across the Pacific, this is the first Asian team to participate in FRC! Their school has a successful history with VEX and hopes to start that trend with the big robot team! Greeted at the HI airport by the Sunset Rotarians, they were featured on the Hawaiian news during the regional practice day in Hawaii.

4265 "Wildbots" — Curie

jcpenney & Oak Ridge High School, Oak Ridge, TN USA

Smoky Mountain: Rookie All Star,

Glowing with Gracious Professionalism, this team family draws students from four schools. They have documented their entire build season including team fun times, on video stored on their YouTube channel. The students have been on JrFLL and FLL teams and are excited to be building the big robots now!

4269 "Cardinalbots" — Curie

OMETEK/jcpenney & St. Charles Preparatory School, Columbus, OH USA

Buckeye: Rookie All Star,

Facta Non Verba, or Deeds not Words is the motto of this red pocket-protector wearing team from an all-boys school. Their red cardinal mascot brightened up their competition. Already a 501(c)(3) organization, they sold scrapbook supplies as a fundraiser. Open source? Their robot code is posted on their website!

3925 "Circuit of Life" — Galileo

Amgen / jcpenney / Haas Automation & Ventura County ROP & Ventura High School & Foothill Technology & Pacific High School & El Camino High School & Villanova Prep, Ventura, CA USA

Los Angeles: Rookie All Star,

This five school team was so shocked at winning the Rookie All Star Award that one of its members fainted! They have a diverse group of students, who found time to produce a safety video, and plan on expanding to other schools. Circuit of Life has "wheelchair-driving" experience on their drive team!

4099 "Falcons FIRST" — Galileo

NASA / jcpenney / SAIC / Lockheed Martin / 8020 & Penn-Air / Morningstar Welding / Cabcraft / Bob's Bikes / Poolesville Hardware & Poolesville High School, Poolesville, MD USA

Washington DC: Rookie All Star,

When not playing tennis, the viola or making chainmaille, FalconsFIRST are welding, coding and wiring their robot. This team is all about camaraderie and sharing their knowledge with the Brickheads, their FLL team. Known for their inspirational falcon graphics, this team hopes to swoop into a win at Championships!

4146 "Sabercats" — Galileo

NASA/Employees of Microchip Technology/Stara Technologies & Saguaro High School, Scottsdale, AZ USA

Arizona: Rookie All Star, Finalist,

This team of 16 students from a STEM focused school were helped by local teams 3187, 3133 and 3019 for their first season. At their regional, they won hard hat pins by being a Top 3 Safety Team and were part of the Coco-Cobra-Cats regional finalist alliance.

4159 "CardinalBotics" — Galileo

Google / Bechtel / Sergey Brin-Ann Wojcicki Foundation / Stuart Berkowitz / JustAnswer / Innovative Screen Printing / jcpenney / Lowell Alumni Association / Noisebridge & Lowell High School, San Francisco, CA USA

Sacramento: Rookie All Star,

Wanting to spread engineering throughout their area, this team has a business plan they have started to execute. Community involvement included food banks, tutoring, and beautification days. They have reached out during back to school nights and open house days.

4353 "RoBoDawgs" — Galileo

jcpenney / GEAR Up / University of Louisiana, Lafayette & David Thibodaux Career and Technical High School, Lafayette, LA USA

Bayou: Regional Winner,

The RobBoDawgs attend a brand new technical high school, started this fall. Pulling only from 9th and 10th graders, they based their team name on their new school's mascot, the Bulldog. The team went to the Stennis Space Center for kick-off which proved to be a great start to their winning season!

4372 "PRDG" — Galileo

Com Dev International/Research in Motion & PRDG High School, Cambridge, ON Canada

Waterloo: Regional Winner,

A prodigy team? PRDG arrived at their regional with an oversized bot. It was pared down and selected by an alliance for a trip to the finals. With their alliance partners they scored over 100 points in several matches. Their sponsor provided blackberry tablets to the Judges to help at competitions.

4394 "Team Opportunity" — Galileo

jcpenney & Williamsburg-James City County Public Schools, Williamsburg, VA USA

Virginia: Rookie All Star, Highest Rookie Seed,

Starting small and late, this team took the opportunity to show their spirit and grew from 4 to 10 members from two high schools, and was mentored by Team 122, the NASA Knights. Even the theatre couldn't stop their progress as they built a working robot in their first three days!

3930 "SMART: Spruce Mountain Area Robotics Team" — Newton

NASA/jcpenney & Faichild semiconductor Spruce Mountain High School, Jay, ME USA

WPI: Rookie All Star,

Building their robot, Bowser, this team is from a new school formed from two rival schools. Their teamwork has been a model for the whole school to embrace and has helped the school transition go smoothly. They are spreading the word of FIRST by mentoring 7 FLL middle school teams.

3937 "Breakaway" — Newton

NASA/jcpenney/Excel Ford/White County Medical Center/Arkansas FIRST & Harding Academy, Searcy, AR USA

Bayou: Rookie All Star, Highest Rookie Seed; Oklahoma: Rookie Inspiration,

Striving to "breakaway" both from the competition and from the pessimistic culture of today, this team tries to honor God in all they do! They mentored two FLL teams, Mindsweeper and Outlaws. After great success at their first regional, they took their robot, Genesis, to Oklahoma and just had fun!