

# NE *FIRST* Practice Field & Resource List

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*Updated Feb. 18, 2016*

If you have an item you would like to have shared with teams in New England, please fill out this Google Form: [https://docs.google.com/forms/d/1EjBGE50eV1Fcc\\_RRhTbDv9zDoges-Ajm4o4OlaYjlQM/viewform](https://docs.google.com/forms/d/1EjBGE50eV1Fcc_RRhTbDv9zDoges-Ajm4o4OlaYjlQM/viewform). If you have any questions, issues filling out the form, or updates to your original submission, please contact [smedia@nefirst.org](mailto:smedia@nefirst.org).

Additional updates will now be posted on the NE *FIRST* Website at <http://www.nefirst.org/find-a-practice-space-in-your-area/> through Google Form submissions.

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## Connecticut

**Team 195 CyberKnights in Southington, CT**, as in past years, will have a full wooden practice field with all the field elements that will be open to all NE teams. We are currently building the field and due to the many different field elements, our completion date is expected toward the end of February. Open hours will be posted every Sunday evening for the following week. Hours will probably be posted on the Team195.com website but I will confirm as we get closer. We have it open at least 3-4 times a week, with some of those days being Saturday and Sunday hours. It will have a maximum of 6 teams per day. Thank you, Gino Brino, [gabdmd@cox.net](mailto:gabdmd@cox.net) <http://www.team195.com>

**Team 571, Team Paragon in Windsor CT**, <http://www.team-paragon.org/> has all of the defenses built and operable on a full field. One tower should be completed this weekend. Jan 30-31. The field carpet is functional, but questionable. Please contact mooretap@cox.net if interested.

**Team 716 in Falls Village CT** has all the field elements built out of wood or metal. The castle has two sides completed with full ramps to these sides. We have the hanging bar element and most of the defenses. We have full length and ~2/3 width carpeted field area. If teams would like to practice with us please contact Andy Brockway at [860 542 1709](tel:8605421709), [andrew.brockway@snet.net](mailto:andrew.brockway@snet.net)

**Team 1991, in Hartford, CT, Dragons**, [www.team1991.com](http://www.team1991.com). has built all of the wooden elements and tower with bar to climb. They have the school cafeteria to practice in but no carpet. Others are welcome on Sat. from 8 am to 6 pm. If we can get ready enough we would like to practice with others, probably go to 195's practice field (CyberKnights of Southington, CT). Not there yet.

**Team 2067 Apple Pi, in Guilford, CT** has all the defense modules built in wood, and any teams in our area (Guilford CT) are welcome to come and test - we have about a 1/4 field of space with carpet.

**Team 3461 in Bristol, CT** has all the field elements built out of wood or metal, 2 ramps and enough room to set up a half field, no carpet. If teams would like to practice with us please

have them contact me, Stephenie, Operation PEACCE Robotics, 860-402-8321,  
[Coach@peacce.org](mailto:Coach@peacce.org)

**Team 4557 Full Metal Falcons, Middletown, CT**, is working on building some of the elements out of wood. We would be happy to participate in a centralized practice field, if one is arranged for CT.

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## Maine

**Team 172, Falmouth, ME**, has obtained access to the former Goodwill building in the Falmouth Shopping Center (route 1, to the RIGHT of the current Shaws building) for a full-size practice field. South Portland (Team 58) has a complete set of field elements and carpet. Team 172 has 4 outer defenses and a tower. Contact Team 172 for details and updates. Hopefully other teams are making great progress and will be able to come and play soon. The carpet is down, one tower erected, with the rest to be done Feb 18. We would like to extend an offer to all Maine teams to come and play/practice. We have multiple outer defenses, but only 6 outer defense bases (if you have some and are willing to share, please bring them along). At the moment we have heat and power, but no lights (waiting for CMP to throw a switch). Steve Martin and I have keys for to the facility, so please let us know when you'd like access. It would be great to be able to play some mock matches this weekend and even Monday evening. Contact Stephen Martin [dadsmartin@gmail.com](mailto:dadsmartin@gmail.com) or John Kraljic [jkraljic@falmouthschools.org](mailto:jkraljic@falmouthschools.org)

**Team #3930 Spruce Mtn. Area Robotics Team (SMART) in Jay, Maine** *Message for Maine Teams:* "We at Spruce Mountain High School have a half size practice court set up, with all obstacles. We also have a castle and battery set up, all game components are made to scale. You are welcome to use this court on Tuesday 2/9 Thursday 2/11 2-9pm, and the next two Saturday 9-4pm. We will also be available on Tuesday 2/16 and Thursday 2/18 during vacation week 1pm to 9pm. If you plan on testing a shooter, please plan on bringing your own ball. Please email or call to let us know if you are planning on coming over to practice. Sincerely, S.M.A.R.T Robotics, 33 Community Drive, Jay, Maine 04239, Phone 207-897-4336;  
<http://smart3930.com/>

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## Massachusetts

**TJ<sup>2</sup> Team 88 in Bridgewater, MA**, has the 9 defenses (8.5 completed now) and the tower completed with a metal rung to hang from. We have lexan ramps and the CDF has lexan components. We have a small practice area, so we could host teams one at a time at our school. (415 Center ST. Bridgewater, MA.) Contact me if you are interested. Liz Calef:  
[lcalef@bridge-rayn.org](mailto:lcalef@bridge-rayn.org)

**HYPER Robotics, Team 69, Quincy, MA** We have a tower and many of the defenses built with wood. Please have teams contact us via email for specifics and if they want to come visit

the field in Quincy. [gps.hyper.robotics@gmail.com](mailto:gps.hyper.robotics@gmail.com) We just ask for a day or two notice and not just to show up.

**Team 97, Rindge School of Technical Arts, Cambridge, MA Bionic Beef**

<http://www.crlsteam97.com>

We will be building some elements. I cannot promise they will be completely to specification as the we are building them in carpentry.

As you know this year's competition runs through our February break. We have a need for a place to move our build to from 16-20th of February. We could also bring what ever game pieces we have at that time with us.

**Team 157, The Aztechs from Marlborough, MA** has had field elements available since they hosted a kickoff in January. They are inviting other teams to use the elements and want teams to know that they took extra care to make some of the elements closer in construction to the elements that will be used on the actual competition fields at official events. They used metals and Lexan where needed. Cheval de fries has ½" Lexan platforms with steel counter weight, Rough terrain has the 3" steel tubing, and The tower has been built closer to the field towel with hanging bars and half of the base as HDPE on it like the game element. They want to share the effort they put in producing elements that provide a better look and feel for a true competition environment. They have ALL of the defenses constructed and have multiple platforms. They welcome you to use the Game Elements. If you would like more details contact Marcus Fletcher of the Aztechs 157 or go to their webpage <http://www.aztechs157.org>.

**Team 246, from Boston University Academy at BU**, in Boston is opening their FIRST Practice Field at Boston University Academy **Feb 13th- 23rd**.

Come practice defending your castle walls!

The BU Robotics Team, FRC 246, has built half of a regulation field in the Boston University Sargent Gym. Please register to receive directions and a practice time. All teams are welcome! We thank the BU College of Engineering, the Argosy Foundation, and the AT&T Aspire Foundation.

Go here for updates and more information. <http://www.bu.edu/bufirst/frc-practice-field/>

XX Get more familiar with the defenses

XX Acquire a better feel for the field

XX Work on robot schematics

Please Contact: Abigail Cohen at [acohen@firstinspires.org](mailto:acohen@firstinspires.org)

**Team 467, The Colonials, from Shrewsbury, MA** has all field elements available. We made these from wood for kickoff and we are happy to host other teams to use the elements over the February vacation week -Saturday, February 13th through Thursday, February 18th. If you would like more details or to schedule a practice, contact Carol McNally - [carol@shrewsburyrobotics.org](mailto:carol@shrewsburyrobotics.org)

**Team 1735, The Green Reapers Burncoat HS in Worcester, MA** have set up a new Website for use by FRC teams. Many members of the team have been working on a website for all FIRST teams to use. It is called Find Robot Parts and can be found at <http://findrobotparts.com/>

The goal is to make it easier to find the part you need without having to visit dozens of different websites.

**FRC Team 3566 of St. Marks in Southborough, MA** has carefully constructed all of the defenses. We welcome any other team to come and use them in our garden level space in the new STEM building on St. Mark's campus. Sincerely, Gone Fishin' <http://www.team3566.org/>

**Team 4097 in Northampton, MA** has all of the field elements built (wood) -- all 8 defenses plus the castle wall/tower with goals and bar.

**Team 4909 of Billerica, MA** has built many of defenses need for this year's game. The only ones not built are the sally port, draw bridge, and portcullis. We also have three bases built to run multiple defenses at once. We're planning to build the tower next weekend and possibly the hanging bar after that. We are more than happy to host any team that would like to come and practice on our gear. Their work space is the old auto shop of their school. "We have the space but our food services currently stores a van in the spot. If we're able to get it moved, we'll be able to build a quarter field with carpet and host anyone who is interested in coming out to test." You can contact [Mflood@billericak12.com](mailto:Mflood@billericak12.com), **Matt Flood**.

A number of teams provide helpful resources for your team. Check out the website for the **NUtrons 125** : [www.nutrons.com](http://www.nutrons.com) and especially go to: <http://www.nutrons.com/resources/>

NOTE: Three teams in MA have most of the field element pieces already built which were used at Kickoff in Boston, and Marlboro. Reach out to the **NUtrons, Team 125** at Northeastern U., **Team 467, Shrewsbury Colonials**, from Shrewsbury, MA and **Team 157, AZTECHS** at Assabet Valley Vocational HS in Marlborough, MA.

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## New Hampshire

**Team 811, Bishop Guertin High School, Nashua, NH**, has awesome mentors who built a Tower (complete with a hanging bar and retroreflective tape) and Batter, plus 5 Platforms to hold a Portcullis, Cheval de Fries, Drawbridge, Sally Port, Rough Terrain, Rock Wall, and Ramparts ... everything but a Moat and Low Bar (which Team 151 says they'll share with us). Our field is around 40'x21' (a bit short and narrow), but by setting the drivers stations back a few feet should be sufficient to get the feel for most of the action. We welcome anyone in the Nashua area who wants to come and practice in our space. Teams can contact me via this Email address, and we'll arrange times to visit. [indelicato@bghs.org](mailto:indelicato@bghs.org) Tom

**Team 1058, The PVC Pirates, Londonderry, NH** "is currently working with a prior supporter to hopefully have a few of the Defenses built close to the official FRC specifications. We'll still be using the "Team Version" wooden base but the defense itself will be made to the FRC Spec. We're planning to build the Defenses that are most sensitive to construction material including

the Rock Wall, Ramparts, Moat, Rough Terrain, and Portcullis. I'm waiting to hear back from our supporter about supplying the metal stock, but as long as they come through we'll be proceeding. One piece we haven't sourced yet that perhaps another team could help us find is the Polycarbonate piece for the Portcullis. Any help with that would be great.

**Team 4546 (Dover, NH Shockwave).** From: [frcleaders4546@googlegroups.com](mailto:frcleaders4546@googlegroups.com)

We have completed the tower. If anyone is having some difficulty please reach out to us so we can help with things we learned. Our team is willing to make these pieces available for not only our use but for other teams. I would hate to see everyone trying to do their own pieces but instead pool resources. With that in mind, one other issue we have is where to store once created.

We met with the owner of the Mill in Rollingsford, NH (town next to Dover) who has kindly offered space to practice. Though the price is great (free), it doesn't have walls so I am afraid that leaving the elements would risk loss when we really need them. He also showed me a 600 sq. foot areas (3 Front Street, Rollingford, NH 03869) that goes for \$ 650 / month. We don't have \$ 650 per month right now but are considering the utility as a regional asset to create a common working space when school is out. We are considering such a space for the future. That said, if we could find say \$ 1300 I think we could get the space for two months starting immediately given that the owner will allow month-to-month rents. Having such a space now would provide a regional asset which I would love to do / make available for all teams. Anyhow, that is what we are proposing. If interested, perhaps you might be able to put the word out that we have such pieces. Without the mill though, we would keep those pieces at the Dover High School which would be ok for us but would require other teams interested in using / borrowing to meet up while the school is open. From: [frcleaders4546@googlegroups.com](mailto:frcleaders4546@googlegroups.com)

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## Rhode Island

**AIR STRIKE 78 in Newport, RI** has a half practice field available to use. Wooden versions of all defenses, the tower, hanging bar, and the human player station are available. Teams can visit [www.air4h.org](http://www.air4h.org) to view our meeting schedule and contact us to arrange a visit.

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## Vermont

**Team 95, the Grasshoppers, located in White River Junction, VT**, is planning on building some defenses that are appropriately competition-field-like in the near future. We would welcome other teams to practice on our elements as needed.

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*Thanks to all of the teams that have contributed to this list!*

