



Beach Cleanup

By Kaiden T.

On Sunday, November 16, Team 6324 participated in the Hampton Beach Cleanup. The cleanup was hosted by Team 166, Chop Shop, from Merrimack, NH, with the goal of tidying up the shore before the winter. Team 131, Chaos, from Manchester Central High School, in Manchester, NH, was also present. Throughout the day, all kinds of trash was collected on the streets and shore. We started on the West end of the beach at high tide. We were able to clear a huge amount of debris that caused safety and sanitation issues from the beach in the few hours we were there. We worked our way East as low tide came, allowing us to look for trash closer to the water. That brought more rope, cigarette butts, and gum wrappers, among other things. Once done with the beach, our team spent the remaining time scouting the sidewalks, which brought even more trash. By the end of it all, Team 6324 collected 53 pounds of trash, and even managed to save an injured bird.





SPONSOR HIGHLIGHT



By Logan J.

This month's sponsor is Wang Auto! Wang Auto is run by one of our very own mentors, Gary! Besides being a massive help and support to the team, since 1995, Wang Auto has been dedicated to providing the best auto repair and modification services to their customers. Having nearly 30 years of experience, Wang Auto has been a huge help to our team, and we are very grateful. Thank you Wang Auto!

Wang Auto in Pelham, New Hampshire is managed by Gary Wang; wielding decades of experience servicing imported vehicles. Translating his skills as an Air Force mechanic into the world of cars, he specializes in Honda & Acura repair and modification. In 1995 he opened his own shop, honing his talent and knack for problem-solving and troubleshooting.



<https://wangsautosales.com/>

Battle of the Bay and Girls Behing the Glass

By Opal F.

The first weekend of November brought our team two back-to-back events at Prospect Mountain High School in Alton, NH, home to Team 319, Big Bad Bob. The school hosted both Battle of the Bay and Girls Behind the Glass. The former is a longstanding New England offseason event, while the latter is only in its second year of existence, but quickly growing in popularity due to its focus on inclusivity and women in STEM.

Battle of the Bay took place on Saturday and served as the final official offseason event of the year; a friendly competition and a great farewell to Reefscape. However, the wear and tear from a long season was starting to show. Our pit crew dealt with multiple issues, including camera malfunctions and CAN wire issues. Though stressful, these challenges created valuable learning opportunities and helped us develop solutions for future events. The pit crew did the best they could, and we finished qualifications ranked 14 out of 32 teams. We were the first pick of Alliance 6. We were eliminated after two matches in a hard contest against Alliance 7.

Girls Behind the Glass took place the following day, with a focus on promoting women in STEM by featuring all-female drive teams. We brought back our custom shirts from last year, as well as new accessories to show our spirit. Even with the lingering technical issues, we finished 15th out of 26 teams. Teaming up with 238, the Crusaders, from Manchester, NH, and 3467, Windham Windup, from Windham, NH, our female drive team fought hard and made it through three matches before being eliminated against Alliance 3.

All of the girls were proud to have their moment in the spotlight, and together, these two events made for an exciting end to the season.

FLL

By Sophia S.

As of this past September, Team 6324 has officially started and been supporting an FLL Challenge Team. This team, Team 71672, The Birches Bears, is composed of 7th and 8th graders at The Birches Academy, which is a public charter school in our town. On November 15, we went to support their first competition. The competition was hosted by PVC Pirates in Londonderry, and held us and 20 other local teams. The Birches Bears had one practice match and three competition matches, along with discussion with judges about their innovation project. Every FLL team is required to find a problem that archaeologists face everyday and make a solution. From there, they prototype and present that solution. The FLL competition set up is similar to FRC, but the major difference is that FLL doesn't have qualification matches. Instead, there are lightning matches consisting of the top 10 teams to determine the winner. Team 71672 started out in 18th place, but they managed to work their way up to 13th after their second match. By the end of the event, they rested at 16th place, their highest score being 130 points. Most importantly, every student enjoyed the competition, and we had fun supporting them.



Button Production

By Sophia S.

Team 6324 was reached out to by the Rehabilitation Equipment Associates Inc., or R.E.Q., to help construct button-adapted toys. These buttons involve 3-D printing the tops and bottoms of the button, then securing the wires on the inside of the button. Then solder the switch to the wires that turn on the button. These buttons are then plugged into the desired toys for people with all disabilities. Based out of Manchester, R.E.Q. provides their services throughout Maine, New Hampshire and Massachusetts and offers a variety of services for disabled people.

R.E.Q.'s mission is to have disabled people stay independent and to also enhance their quality of life. They specialize in home modifications and creating specialized mobility scooters and wheelchairs for many different people. With this project, they believe that toys and playing should be accessible to every person, even if they are disabled. We are so happy to be taking on this task and hope to help the lives of disabled people in our area enjoy life how non-disabled people enjoy life.

