



VRC High School - Poster Design Online Challenge

BUILDING THE FUTURE

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Our poster sends out a message that robotics is not as complicated as it may seem, but can instead be broken down into a series of steps. We wanted to represent just how accessible it can be to anyone who may be interested. If the procedure is followed, anyone can help build the future.

During the past few seasons, our team 81208X has followed this process meticulously and has won the World Skills Champion as a product of our work. We always make sure to first analyze the annual game manual and discuss all the rules for both in-person as well as LRT and Skills tournaments. We then use that information to brainstorm in meetings and finalize a robot design by sketching and using CAD software. The build team then starts their work as the programmers begin their code. Once the robot is able to start testing, the team works together and tunes the robot in order to achieve perfection. Throughout this entire process, we record it all in our Engineering Notebook. This includes anything from our timeline to problems and even potential solutions.

As this process has proven to be effective in our journey of achieving the title of World Champions, we want to share it with anyone who is just as passionate about robotics as we are. Our poster not only shares how everyone can make a robot and be involved with VEX Robotics, but also the knowledge you will also receive upon joining, including skills from design, to build, and coding skills.

The creation of our recruitment poster incorporates elements from our own imagination and drawing skills, all centered around the famous VEX Robotics logo sourced from the internet. We wanted to represent each part of the process using building blocks. We used digital drawings from both an iPad software, Sketchbook, and desktop Photoshop to bring our ideas to life for each of the processes. Our final World Champion trophy is actually placed on two of these building blocks, representing the success of putting together these process steps and eventually achieving the goal.

Our hope is for the poster to encourage everyone from students to mentors and supporters to get involved with VEX robotics by not just incorporating the process seen through our building blocks, but eventually, building the future.