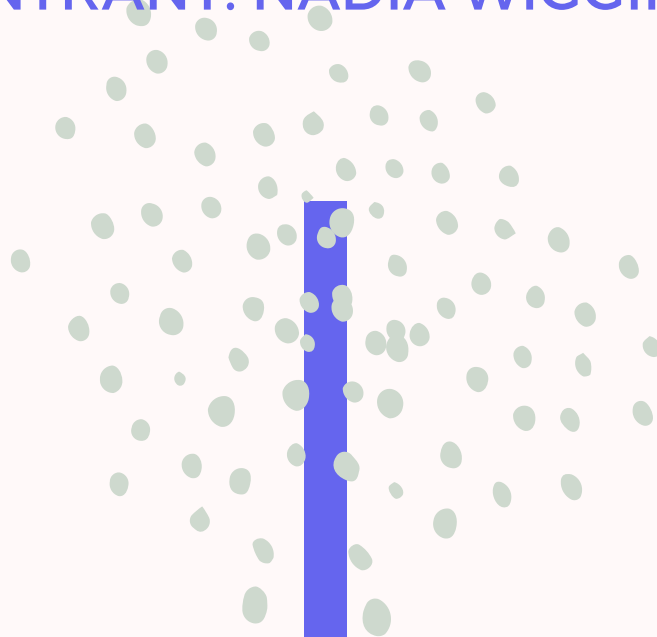
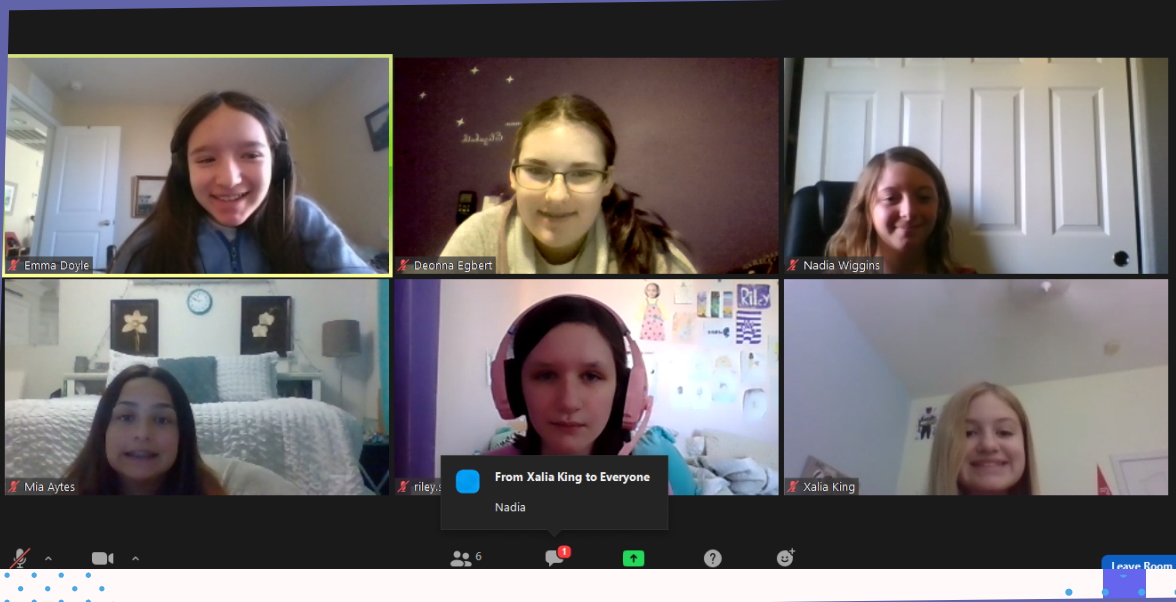


Team 74177Z
VEX IQ CHALLENGE
GIRL POWERED
ESSAY
ENTRANT: NADIA WIGGINS




THIS YEAR OUR NEW TEAM, 74177Z, IS ONE OF THE ONLY COMPLETELY GIRL ROBOTICS TEAMS IN OUR SCHOOL AND WE LOVE HAVING EACH OTHER AS PARTNERS. WE FEEL WE CAN TAKE ON THE WORLD, NO MATTER WHAT OBSTACLES WE MAY FACE, WE IGNORE THOSE WHO SAY GIRLS ARE LESS THAN BOYS. WE HAVE ALL THE GIRL POWER WE NEED.

FOR US, "GIRL POWERED", MEANS BEING RESPECTFUL, NEVER JUDGING ANYONE, AND INCLUDING EVERYONE AND THEIR IDEAS. IT ALSO MEANS THAT TO SUCCEED, ALL WE NEED TO DO IS HELP OTHERS AND HAVE FUN. DOING THIS IS PROVING THAT GIRLS CAN ACCOMPLISH ANYTHING THAT WE SET OUR MINDS TO. WITH THIS BEING SAID THESE ARE THE THINGS THAT SHOW HOW WE HAVE EARNED OUR ROLE IN STEM, ROBOTICS, AND SCIENCE.





Team 74177Z working hard




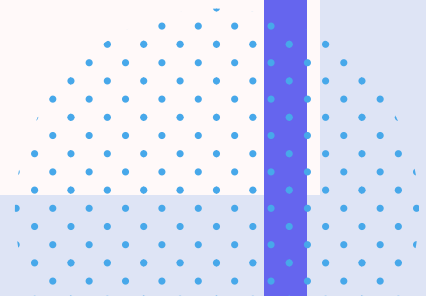

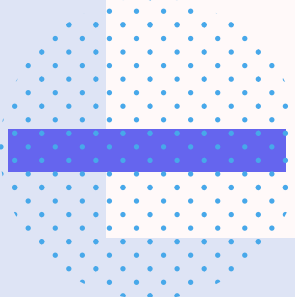
AT THE BEGINNING OF THE YEAR IN OCTOBER IS WHEN WE STARTED CREATING OUR TEAMS WE WEREN'T SURE WHAT EVERYONE WAS GOING TO END UP WITH SO WE ALL TRIED DIFFERENT ROLES ON THE TEAM SUCH AS DESIGNING, BUILDING, DRIVING, PROGRAMMING, AND MORE. SOON ENOUGH WE GOT THE JOBS THAT WERE MEANT FOR US. EVERYONE ON OUR TEAM LOVES HELPING EACH OTHER. EVEN THOUGH WE ALL HAVE DIFFERENT JOBS ON THE TEAM, THE ONE JOB WE ALL HAVE IN COMMON IS BEING FRIENDS. WE HELP EACH OTHER BY COMING UP WITH IDEAS, HELPING BUILD, AND EVEN THINKING OF DRIVING PLANS. EVERYONE PITCHES IN NO MATTER WHAT JOB YOU HAVE.

OUR TEAM CONSISTS OF GIRLS IN SIXTH AND SEVENTH GRADE. WE ALL HAVE DIFFERENT LEVELS OF EXPERIENCE. FOR SOME OF US, IT'S OUR FIRST YEAR DOING ROBOTICS, BUT FOR OTHERS, THEY HAVE COMPLETED BEFORE. THANKS TO OUR DIFFERENT LEVELS OF DIVERSITY WE CAN CONTRIBUTE FUN AND EXOTIC IDEAS WHEN WORKING ON OUR ROBOTS. WE ALSO HAPPEN TO HAVE A DIVERSE GROUP OF GIRLS IN OUR SCHOOL THAT COME TOGETHER AS A COMMUNITY TO HAVE FUN AND LEARN MORE ABOUT SCIENCE AND LIFE. OUR DIFFERENT LEVELS OF EXPERIENCE MAKES WORKING WITH EACH OTHER MORE FUN.



ALL OF OUR ROBOTICS TEAMS ARE VERY PASSIONATE ABOUT WHAT WE DO, AND WE WANT TO SHARE OUR PASSION WITH OTHERS, HOPING THAT THEY DISCOVER THEIR LOVE AND PASSION FOR SOMETHING. THIS IS WHY WE ORGANIZED A FUN ROBOTICS EVENT AT OUR SCHOOL EVERY YEAR. WE INVITED GIRLS FROM ALL OVER THE GLOBE TO PARTICIPATE. THIS YEAR WE ARE HOSTING A GIRL POWERED EVENT ON ZOOM, MOST OF THE GIRLS ATTENDING HAVE NEVER HEARD OF ROBOTICS IN THEIR LIVES. EVERYONE WILL HAVE THE SAME PROJECT BUILDING A 3D MODEL IN TINKER CAD. WE WILL BE THERE TO HELP THEM WHEN THEY NEED IT, AND BY THE END OF THE EVENT WE HOPE, EVERYONE WILL HAVE HAD A FUN TIME AND CREATED SOMETHING AWESOME. WE ARE EVEN PLANNING ON TEACHING THE GIRLS A FUN DANCE. WE HOPE THIS EVENT WILL BRING THESE GIRLS TOGETHER AND MAKE THEM HAPPY IN THIS DARK TIME.

AS A TEAM, WE HAVE LEARNED A LOT, ESPECIALLY LEARNING HOW TO ADJUST TO A DIFFERENT ENVIRONMENT THANKS TO COVID-19. WE HAVE LEARNED TO BE INCLUSIVE, RESPECTIVE AND WE HAVE LEARNED MORE ABOUT HOW WE CAN HELP OTHERS EVEN IF IT'S JUST A SIMPLE QUESTION LIKE "HOW ARE YOU TODAY?". WHEN WE HELP OTHERS THIS ALSO HELPS US BY LETTING US WORK ON THE SKILLS THAT WE DON'T PRACTICE ALL THE TIME. THIS MEANS WE ARE ALWAYS IMPROVING AND LEARNING NEW THINGS. WE HAVE ALSO COME TO REALIZE WE ARE JUST AS GOOD AS OTHER TEAMS. THE MOST IMPORTANT THINGS WE HAVE LEARNED ARE THAT WE CAN ACCOMPLISH MORE THAN WE COULD HAVE EVER THOUGHT POSSIBLE WHEN WE WORK TOGETHER AS A TEAM AND NEVER GIVE UP.



OUR STEM ROLE MODEL WOULD HAVE TO BE OUR COACH, MRS. EGBERT. AT THE BEGINNING OF THE YEAR, WE DIDN'T KNOW EACH OTHER WELL BUT SHE MADE A GROUP OF GIRLS INTO A LOVING TEAM. MRS. EGBERT HELPED US BECOME A TEAM THAT WORKS TOGETHER AND SHARES IDEAS TO IMPROVE OUR DESIGNS AND STRATEGIES. SHE ALSO INSPIRED US TO HAVE A MORE INCLUSIVE TEAM, WHICH MADE WORKING TOGETHER MORE FUN. SHE MAKES SURE THAT WE ALL LISTEN TO AND RESPECT EACH OTHER'S IDEAS AND THAT EVERYONE HAS A CHANCE TO PARTICIPATE AND BE HEARD. MRS. EGBERT HAS HELPED US TO BECOME A BETTER TEAM AND WE WOULDN'T BE WHERE WE ARE WITHOUT HER.



Mrs. Egbert



Source: Canva.com