

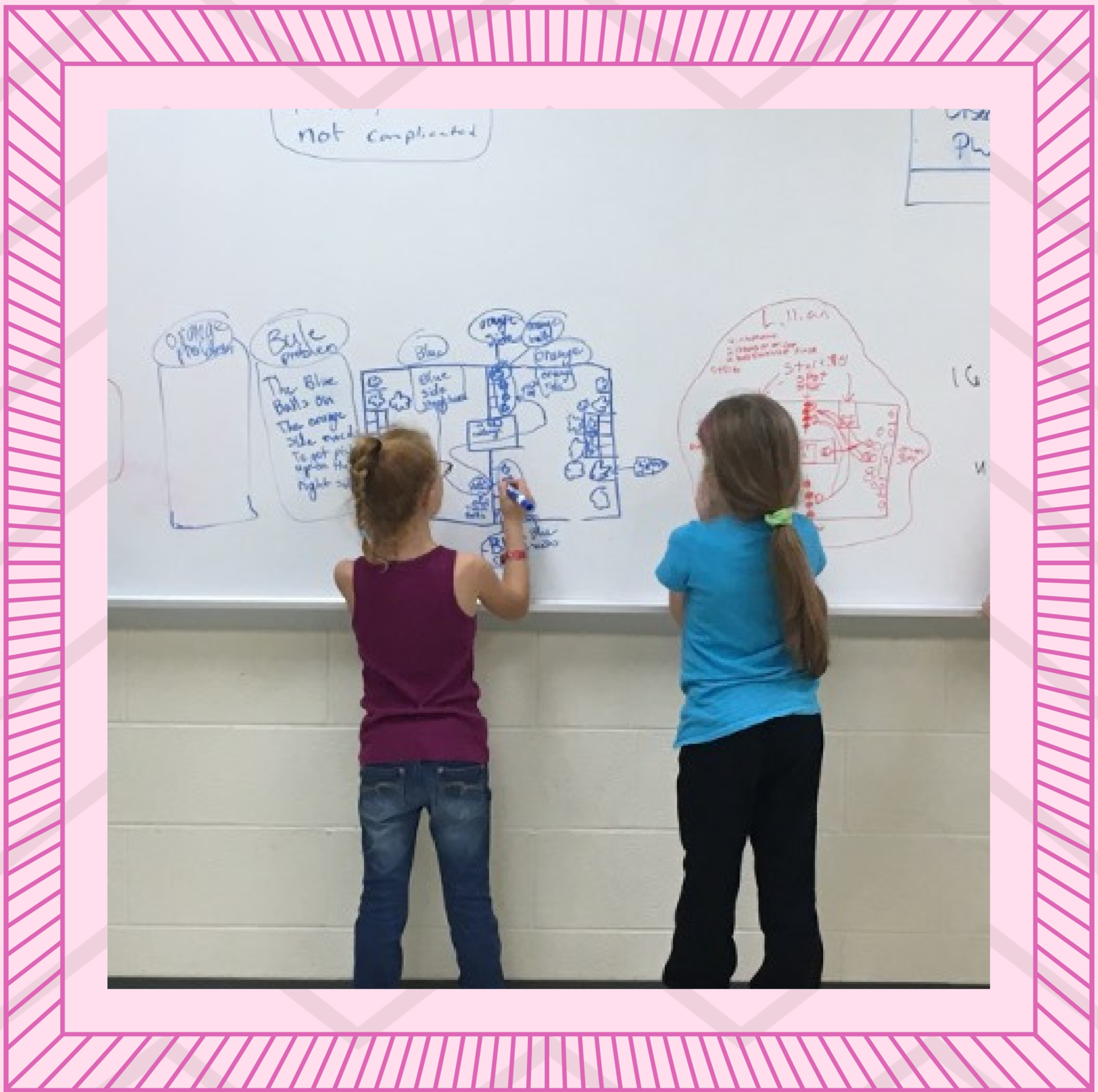
GIRL POWERED



OUR PATH TO EXCELLENCE

a storybook by

lillian gilligan and megan schopp



Lillian and Megan drawing some strategies for their robot

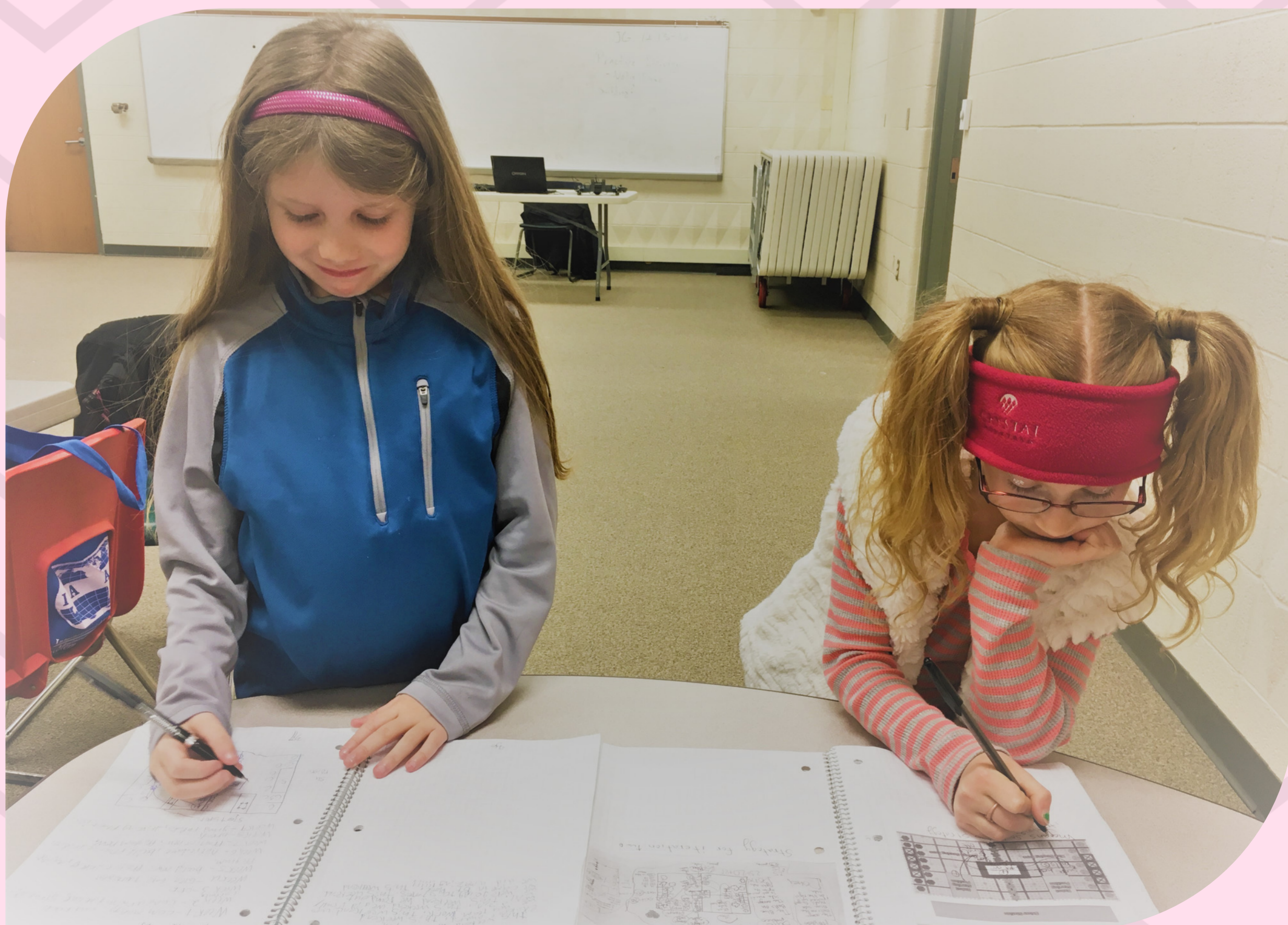
Once upon a time in Traverse City Michigan, there was a Megan and a Lillian. They were both 8 years old.

They wanted to build a robot with a scoop. That was their first challenge.



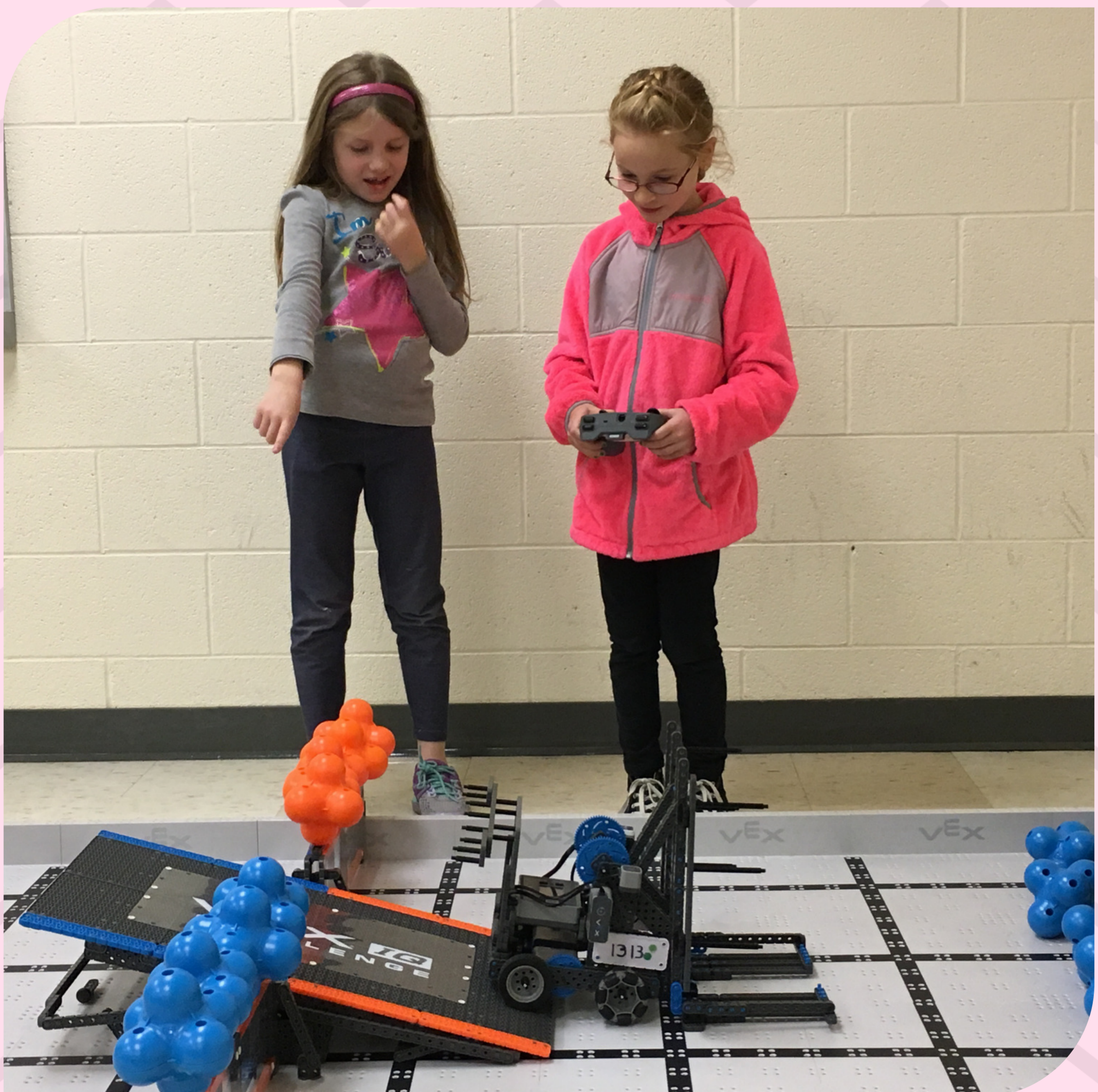
Next they started to do programming and did four codes on their robot.

- 1) Bridge code
- 2) Left, knock balls off fence
- 3) Right, knock balls off fence
- 4) Score in high goal

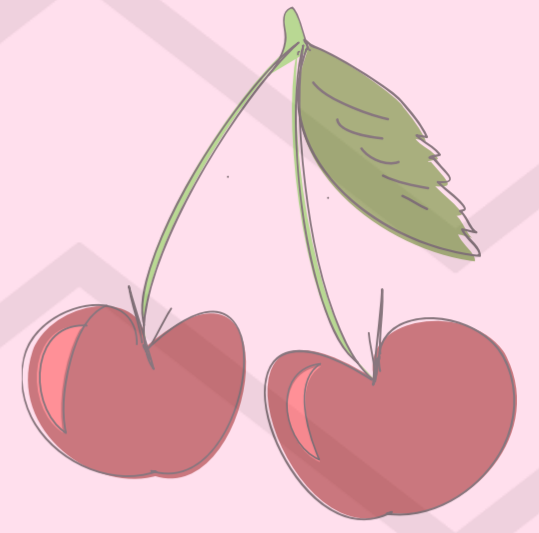




After that, they practiced driving and got a 48 in driver skills.



STEM RESEARCH PROJECT



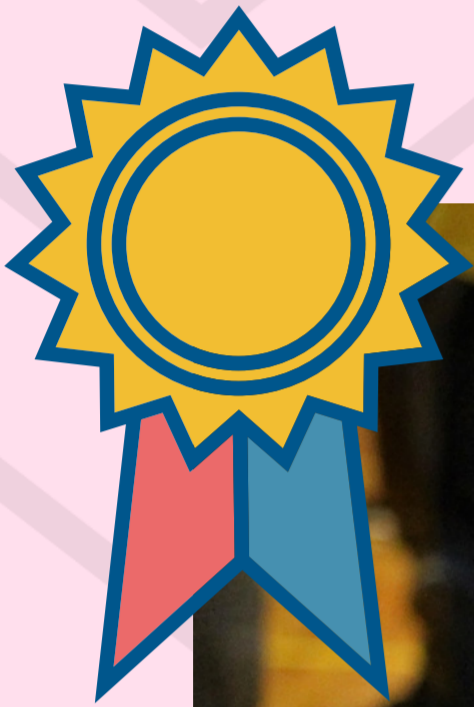
Lillian and Megan worked hard on their STEM research project, where they designed and presented their Robotic Cherry Tree Sprayer.



It is autonomous, solar powered and has sensors for the size of the tree it is spraying. It improves the cherry crop so there are more cherries to eat!

They learned a lot about researching a topic together and speaking in front of judges.

In the end, they went to their first state qualifier, won Excellence and qualified for the State Championships!



Lillian holding the Excellence award



Lillian and Megan smiling for a nice picture with the Robot skills award



Girl Powered



Lillian putting the VEX IQ field together

A picture with Lillian
holding the remote



Megan



THE END

Credits

ROBORUNNERS
TEAM 1313
CURIOUSWORX
TRAVERSE CITY, MI

CREATED BY
LILLIAN GILLIGAN
AND
MEGAN SCHOPP

OUR TEAM IS:
LILLIAN GILLIGAN
MEGAN SCHOPP
AUSTIN TUCHALSKI
JACK SCHOPP
GINO MARINELLO

