

LAUNCH INTO LEARNING VEX ROBOTICS!

By Hopkinetics 2602H members: Dylan S and Emily K

Located in Hopkinton, Massachusetts

Our poster consists of what robotics is, a robotics design process cycle, teamwork, and robotics competitions. We chose these aspects to represent VEX robotics because it is what we deem to be the main points of the program. The robotics design process cycle shows the steps in which a robot is made and the problem solving and testing involved in robotics. This is a key process in building robots in robotics and without it, nothing could be made properly. Our second aspect, teamwork, is important for a team to function well. Team dynamics, cooperation, and a mutual sharing of ideas are important for a group. With a good team, a well built robot can be acquired. The last aspect we included was robotics competitions. Competitions are the accumulation of work that a group has achieved, although not always accurate, competitions showcase how strong a groups' robot is and give groups a good reading on how they can improve. These three parts of robotics are what the program is centered on, allowing those who join to develop the abilities of engineering processes and teamwork to a higher ability.

Within our poster, we have used Canva, a graphic design platform, to create our poster. Included are graphics from Canva and photos from our team. As we went through and discussed what should be in our poster, we came out with a list of ideas, but we eventually narrowed it down to only three. Along with information, we also discussed how we wanted to format the poster. We wanted it to be simplistic but still have color and some variety in it. So, we went through different designs and finally settled on the one we have now.

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What is VEX
robotics?



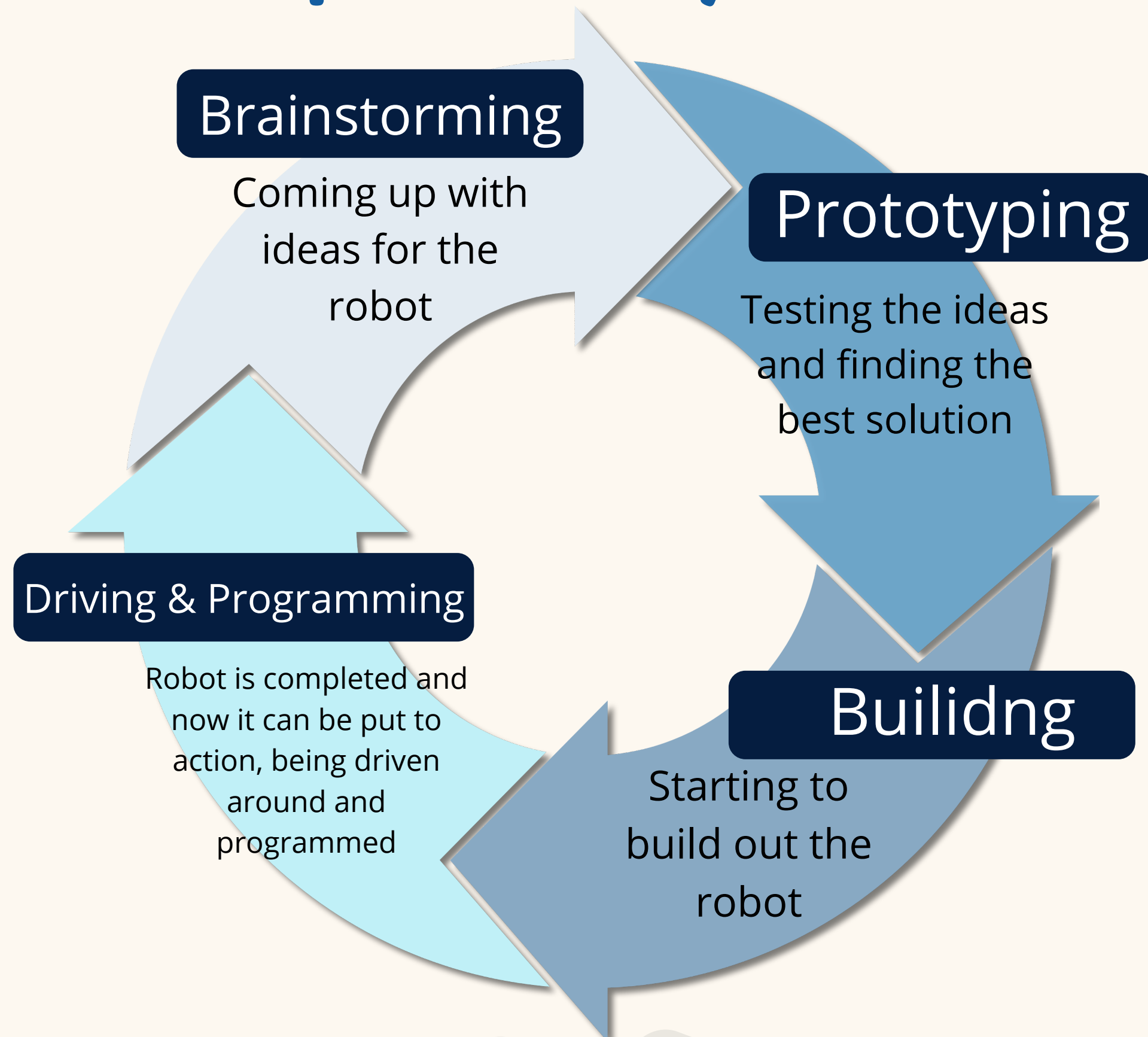
VEX Robotics is a program where kids can learn and incorporate STEM into a fun and competitive game!

Teamwork!

Robotics can't be done with only one member. Teams are made and people work together to build robots and compete in competitions. Having a team means people to rely on and more ideas and problem solving!



Robotics design process cycle



Competitions

The final moment you have been waiting for! The accumulation of all the hard work put in has come to the test as the competition arrives. Pairing up with another team, alliances will face off against each other and use communication skills in order to fully utilize both robots on each team.

