

## GIRL POWERED!!!

Vex IQ has inspired us to continue in STEM. It has been a great experience and has taught us so many things about robots. We hope that we can continue in STEM and make it to worlds. Vex IQ taught us how to cooperate as a team and get through challenges together.



An inspiration for us was a woman called Professor Emma Johnston. She is a Dean of Science at UNSW Sydney. She is head of applied marine and estuarine ecology lab and has led major research projects for industry, Government, the Australian research council and The Australian Antarctic science program.



She studied science at the University of Melbourne, graduating with a PhD in 2002. Her research has been recognised with numerous awards including: the engineering award for excellence in biological science, the Australian academy of science Nancy Millis medal for women in science and many more. Emma Johnston has a mission to use the tools of science and communication to help protect the underwater world she has loved since she was a youngster.

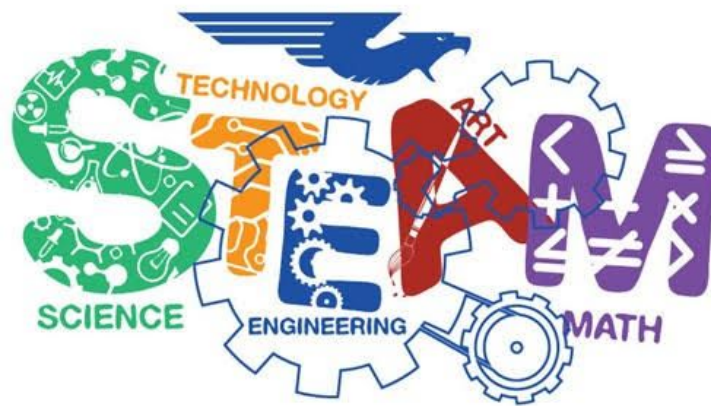
She has inspired many people and will keep on following her dream by saving the Australian oceans. She has followed her dream of being a scientist in multiple departments. She has inspired us to continue in robotics and helped us to be apart of something. When we go to competitions, we see lots of boys and only a few girls. We want to try and get many, many more girls into robotics and the STEM department.

We are going to try to continue in Robotics and try to tell other girls to give it a go too. We have gone to many competitions around the southern highlands and NSW, Vex IQ has given us a great opportunity and will give other people opportunities too. Vex has been a fun and exciting experience, it has also helped us to use our imagination and build amazing robots.



We have also helped many other amazing teams who are also trying to make it to worlds. They have also helped us with ideas and the girls have also done really well. Vex has helped us in engineering, teamwork and cooperation. We share the vex board with other groups and practice with them by doing scrimmages, autonomous and driver skills.

Vex has increased our learning in maths, science, technology and engineering. It has also helped us by giving us more confidence in robotics and in competitions. We have been spending a lot of time preparing for a lot of competitions and trying to win awards. We also prepare for challenges like Girl powered, promotion and photography.



Vex has helped all the girls in the world by showing them that girls have more power! Vex can help everyone in the future for jobs and much more. Young learners for vex can be taught the easy way and go further like we are and maybe go to worlds! We have improved with our learning and confidence in ourselves.

We try to program our robot to lift up the green cubes. Us girls have helped by saying which and how far the robot has to go. We will try and see if we can at least get a clean cube on and we did, that was great. We talk to other teams and how we program our robot so that they know what it's like.

My friend and I have goes of practicing driving and doing a scrimmage, but we also do driver skills. We think that other girls need to have a go and we will try to Encourage them to try something new.

