

Crownies Create for Stages 1, 2 & 3

Crown Street Public School used this initiative to introduce the idea of STEM into our school under the umbrella Crownies Create. We included as many stages as we could in this project so that we were able to reach a larger population of students and staff. We began this project with introductory STEM units to teach our students the skills necessary to work in collaborative learning groups to solve problems. Further to this, the classes then looked at the needs of our community and embarked on larger projects that impacted our school. The Year 1 class designed, created and built a community library for the school. Our Year 3 class redeveloped a learning area in the school to make it more functional for our students to use. The 3/4 class tackled Crown Street's War on Waste and our 5/6 group went through the entire design and fair testing processes to create a prototype for a design brief they were given. Through this project our team also sought funding from our P&C to create a STEM space in our school with flexible furniture, robotics and a new interactive panel.

Science and technology outcomes	ST-14WS ST1-5WT ST1-15I	ST2-1WS-S ST2-2DP-T ST2-9PW-ST ST2-7MW-T	ST3-1WS-S ST3-2DP-T ST3-5WT ST3-4WS
Mathematics outcomes	MA1-1WM MA1-2WM MA1-8NA MA1-17SP	MA2-12MG MA2-18SP MA2-1WM	MA3-18SP MA3-2WM MA3-3WM

Statement of impact

Through the 'Crownies Create' STEM project, students were introduced to the notion of STEM and learnt the skills necessary to work successfully as a group. This project effectively engaged the whole school community by promoting future focussed learning and including the parents in creating a STEM space for the school. Furthermore, through this project the staff of Crown Street have had a shift in pedagogy and are working to continually improve upon their teaching practices to maximise their student outcomes. Crown Street Public School is now working towards achieving a cohesive approach to STEM and project based learning in order to better support our 21st Century learners.

For more information

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