

STEM Legacy Project for Years 5 and 6

At Marie Bashir Public School, the integrated STEM Legacy project involved all the Stage 3 students identifying an area in the school playground that they wished to improve. Students surveyed students in different grades (Kindergarten to Year 6) to collect feedback, developed designs to improve the school, proposed budgets and pitched ideas to the P&C and school executive for approval.

This project was implemented in Semester 2 (June 2018- December 2018) and will be continued in 2019. Through collaborative planning and weekly reflection as a Stage, this program was administered during both classroom time and also, Science lessons with the STEM specialist.

English outcomes	EN3-1A EN3-2A EN3-3A EN3-4A	EN3-5B EN3-6B EN3-7C EN3-9E
Mathematics outcomes	ST3-1WM ST3-2WM ST3-3WM	ST3-18SP ST3-5NA ST3-9MG ST3-10MG
Science outcomes	ST3-4WS ST3-5WT ST3-13MW	ST3-14BE ST3-11DI-T

Statement of impact

Through careful collaborative planning and communication, the STEM legacy project successfully allowed students to identify an area of the school playground that they would like to improve, collected multiple sources of data from the entire student population K-6, and proposed improvements to improve the quality of the current state of the playground.

During the month of October 2018, some of the students' proposals were approved by the Principal and P&C. As a result, various areas of the playground have been improved in November, 2018 with the mural for the front of the library being painted, snakes and ladders large board game being painted and quotations being sought for the 3-6 Eating Area.

By participating in the STEM Teacher Enrichment Academy, there was an increase in both student learning and teacher capacity in STEM. There was an improvement in students' learning in all Key Learning Areas, self- efficacy and attitudes towards STEM and increased participation in EALD students.

For more information

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