

Eco-warriors for Years 3 and 4

Wilkins Public School's Stage 2 students have focused on building their STEM skills over the course of the year. In Term 2, students integrated STEM into their science unit on forces. This culminated in students designing and redesigning a wind powered car for the 21st Century by applying their knowledge of forces. In term 3, Stage 2 students selected a topic in their classrooms to research, design and build. Topics included water saving devices, promoting native bees in the local community, sensory gardens and packaging alternatives. Classes drew on expertise from the local community, used software apps such as TinkerCad in the design process and there was much trial and error in the build process. Overall, the students enjoyed leading projects they had decided upon and relished in the opportunity to independently investigate their own ideas.

Science and technology outcomes	ST2-2VA ST2-4WS	ST2-5WT ST2-11LW	ST2-14BE ST2-15I
Mathematics outcomes	MA2-1WM MA2-2WM	MA2-3WM MA2-9MG	MA2-10MG MA2-18SP

Statement of impact

The STEM Teacher Enrichment Academy has provided Stage 2 teachers with the skills and capabilities to empower our students to explore science, technology, engineering and mathematics in authentic contexts and equip them with computational thinking skills required for a digital world. The Teacher Enrichment Academy has aided us to develop cross-disciplinary, critical and creative capabilities, problem solving skills and effective use of digital technologies, which are essential in all 21st century occupations.

For more information

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