



Speech By  
**Nikki Boyd**


**MEMBER FOR PINE RIVERS**

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## ADJOURNMENT

### Pine Rivers State High School

 **Ms BOYD** (Pine Rivers—ALP) (8.36 pm): I rise to inform the House of a small group of committed students from Pine Rivers State High School who have been toiling away over their breaks, weekends and even school holidays to compete in the Land Rover 4x4 in Schools Technology Challenge and the F1 in Schools Technology Challenge. Pine Rivers State High School has a rich and successful track record in these competitions and I was very pleased to head out to the school recently to see their creations firsthand.

F1 in Schools, 4x4 in Schools and SUBS in Schools are programs that are run by the REA Foundation. These programs are designed to enhance the younger generation's ability to undertake tasks in science, technology, engineering and maths—STEM. Their goal is to increase the number of young Australians involved in the engineering industry to improve career options for our students in the future.

As I said, I visited the school prior to the competition weekend and saw firsthand the hard work and dedication that the students were putting into their models. Pine Rivers State High School had three teams that went down to Penrith in New South Wales to compete in the Australian national finals on Saturday, 6 March. The teams were the Wombat Warriors, Lily, Taj, Kiernan, Marcus and Grayson in years 10 and 11 competing in the Land Rover 4x4 in Schools; the Fair Dinkum 4x4, Brodie, Lucas, Paris, Reilly, Jackson and Gemma in years 9 and 10 competing in the Land Rover 4x4 in Schools; and Sonic Snitch, an all-girls team of Leah, Natarsja and Paris in year 9 competing in the F1 in Schools.

The 4x4 in Schools competition consists of the following components: written portfolio, verbal presentation, scrutineering, engineering, track assessment, trailer tow and pit display. The Wombat Warriors designed a large proportion of their vehicle using Autodesk Inventor and printed these parts using a 3D printer. The Fair Dinkum 4x4 team designed and built most of their vehicle using Meccano and used recycled aluminium cans for their shell—all in the name of sustainability.

The F1 in Schools competition consists of the following components: written portfolio, verbal presentation, scrutineering, engineering, reaction racing and tournament racing. Sonic Snitch designed and built a Formula 1 car from balsa wood—and I can inform the House that it is very light.

Upon the students' return I was so pleased to host a breakfast at the school with the education minister, Kate Jones. All of the teams placed as finalists, including an overall win for the Wombat Warriors, which will see them return to compete in the international competition.

I am in total admiration of the students' skills, expertise and talent. This is exactly the kind of innovation that is driving our Advance Queensland agenda. I am proud to be part of a government that is promoting STEM through our schools and skilling the leaders of tomorrow today.

I would like to congratulate all of the participants in the program for their hard work and dedication. I would also like to congratulate and thank the teachers. They have dedicated school holidays, weekends and out-of-hours time to helping these kids along. I also acknowledge the principal of Pine Rivers State High School, Mr John Schuh.