



SISP PROGRAM



Crookwell High School and its feeder schools worked extremely hard on their STEM Projects in 2018, as part of the STEM Industry School Partnership (SISP) Program funded by the Department of Education.

SISP program

SISP matches schools in a region with an industry partner and technology program. Our Community of Schools was one of three selected in NSW to be part of this pilot program, along with schools in the Central West and Hunter region of NSW. RDA Southern Inland coordinated the relationship between multiple industry partners in the Renewable Energy sector and the local schools.



The project

As part of the Program, students were asked to identify issues or problems faced by farmers in our local area. They then focused on one of these issues, and worked in groups to create a solution to that problem, using technology, and renewable energy where possible.



Benefits of the Crookwell Academy of STEM Excellence

- ★ Opportunities for students to work with emerging and recent technology.
- ★ Students are provided with a scaffold to improve their future focused skills of Communication, Collaboration, Critical Thinking and Creativity.
- ★ Students develop a rapport with local industry professionals, who are able to assist students with the technical components of their STEM Project.
- ★ Students visit local industry sites and make a link between their learning and real world applications of their knowledge.
- ★ Year 8 students develop leadership skills through mentoring groups of Primary students.
- ★ Primary students' participation in the STEM Project assists with their transition to high school.
- ★ Teachers from a variety of schools collaborate on a common goal.

Who is involved?

Crookwell High School has worked with primary partners in our Community of Schools, including Crookwell, Binda, Bigga, Laggan and Taralga Public Schools, along with RDA Southern Inland.

The project has also involved schools working closely with representatives from local wind and solar farms, allowing students to meet and be inspired by STEM professionals working in our local area. Year 8 students from Crookwell High School have mentored students from partner primary schools throughout the project.

