Science in the real world

TCRTHS Science/Agriculture Faculty is regularly taking students out into the community to discover how science relates to the real world. This is through partnerships built with the Charles Sturt University along with other community programs such as can be seen below with students from TCRTHS attending a science workshop run by the CSIRO.

Students drenching during Agriculture

The Canobolas Rural Technology High School
Science/Agriculture Faculty

The Canobolas Rural Technology High School
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Science/Agriculture Faculty

The Science/Agriculture faculty at The Canobolas Rural Technology High School (TCRTHS) provides a wide range of junior and senior subjects for students to choose.

Junior (7-10): Along with junior science being a core class that is undertaken through 7 to 10, TCRTHS also provides students with the opportunity to embrace Agriculture during years 7 and 8 through it being a mandatory subject for all students. Students will then get the opportunity to select Agriculture as an elective during years 9 and 10. This gives students a taste of the Science/Agricultural subjects that are on offer for senior school.

Senior (11-12): Senior students have the opportunity to pick from a vast array of science domains as the teachers within TCRTHS Science/Agriculture Faculty have an array of specialties. This subjects include Biology, Chemistry, Physics, Senior Science and Agriculture. Through these programs students are able to investigate these domains of science at a deeper level to build upon their knowledge and understanding and plan for future careers.

Junior Science:

TCRTHS also offers junior students the chance to apply for the two academically talented (AcTAL) classes within the school. These being the Stage 4 (years 7/8) and a Stage 5 (years 9/10) Science class. Within this class students have the opportunity to be extended and enriched.

HSC Elective Subjects:

Biology: The senior course for Biology studies the living world, covering topics such as DNA, Evolution, Ecosystems, molecular biology amongst many other varying topics.

Chemistry: The senior Chemistry course will cover areas of understanding such as matter, acidic reactions, metallic structures along with many other topics relating to the chemical world.

Physics: The senior Physics course will cover the following areas of the physical world, gravitational fields, radiation along with many others.

Senior Science: The senior science course enables students to embrace the three areas of science within one subject, some of the concepts studied within the course are solubility, physical and chemical substances, skeletal system, and radiation.

Agriculture: Students have the opportunity to study the various areas within the agricultural industry such as plant and animal production, a farm product study along with an elective area.

Science/Agriculture Faculty Staff in a snap shot

Head Teacher: Adam Richards

Below is a list of the Science staff and their current teaching areas for 2015.

Judith Bertolin (Deputy Principal) - Physics
Judith Henderson - Biology, Science
Chrissie Hallett - Agriculture, Science
John Massang - Science
Samantha Hiscox - Science. 9/10 AcTAL:
Nicole Nealon - Agriculture, Science, Biology, 7/8 AcTAL
Adam Richards - Agriculture, Science, Senior Science, Chemistry
Scott Rodwell - Agriculture, Science, Chemistry, Physics