



Rutherford Technology High School celebrated National Science Week with some exciting events.

Students from 10Science1 and 11Physics took part in a live Webinar with a panel of Space Science Researchers and Entrepreneurs hosted by the CSIRO and then had the opportunity to participate in a CSIRO STEM in Schools Event with the CSIRO Representative. The STEM challenge given was for the students to make a parachute from plastic freezer bags, string, tape, paper, straws and pipe cleaners and then test them to see whose was most successful. The students were guided by Andrew Allport from CSIRO and had some additional assistance from Local MP, Meryl Swanson.

Whilst the conditions were not favourable with strong westerly winds blowing the teams took up the challenge of testing their parachutes with the winners being Mikayla Nisbet-Gore and Monique Jones and a close second was Emma Turner and Shanin Patwary.





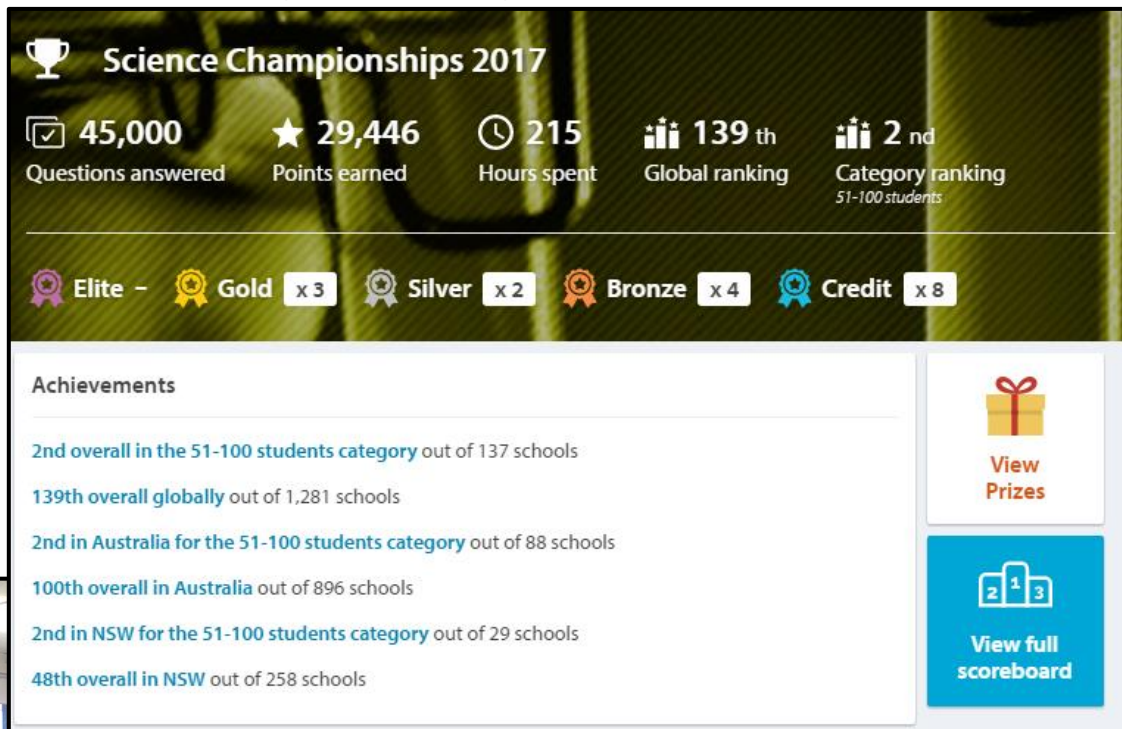


As part of National Science Week, Education Perfect held the 2017 Science Championships where students can compete against friends, classmates and of course other schools.

Our Year 7R & 8R Science Classes entered into the championships with the students really getting behind the competition and their classrooms a buzz of excitement and determination! Students were also able to continue with the challenge outside of school hours to build on their points.

The Championships have strict timings, rulings and point scoring and is a great way for students to extend their knowledge of Science. The point scoring system is based on three elements: Fact Mastery Questions, Skill Mastery Questions and Exercise Questions with some elements giving bonus points.

Well done on achieving an outstanding point score!





## YEAR 7 SCIENCE UPDATE

**7L** – Celebrated National Science Week in the Lab concentrating on Photosynthesis and the Growth of Plants. Photos of 7L Science Grass Heads.

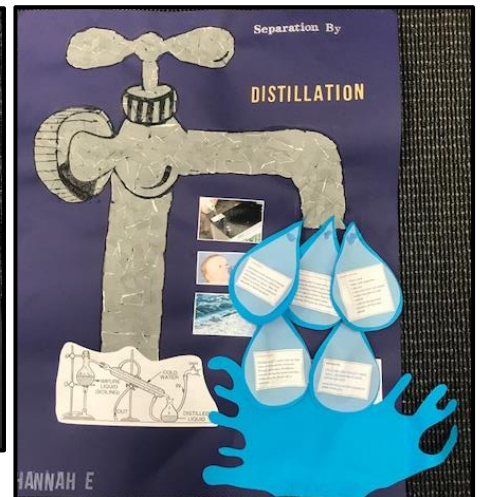
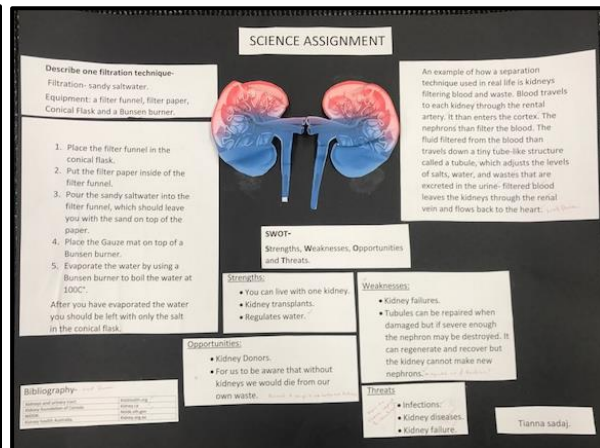
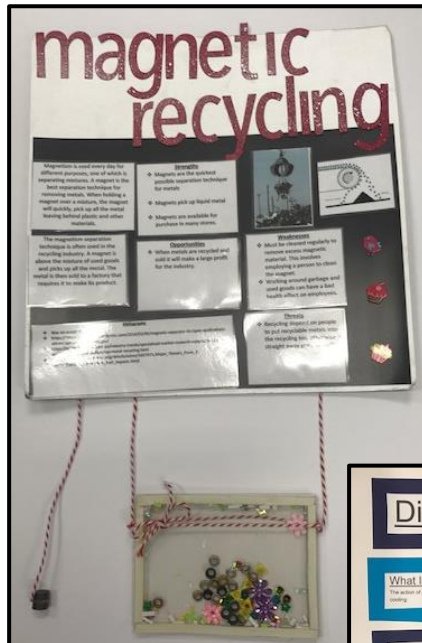


**7R** – Science have been working through the Chemistry topic of 'Mixtures and Separations'.

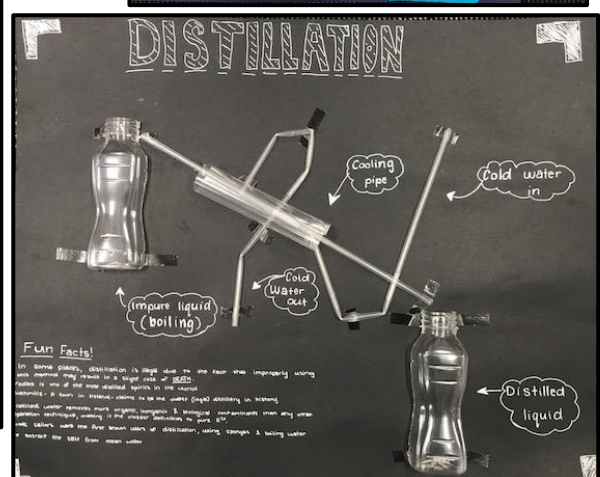
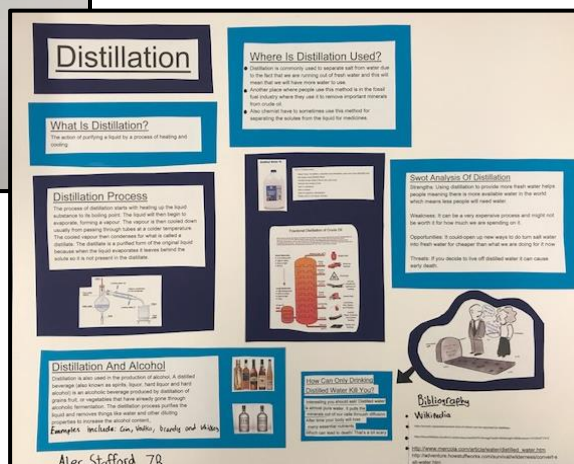
The final project for the topic required students to make a poster on one separation technique used within industries or home. For example, the water bottling industry using filtration to make clean water for drinking.

The students did an amazing job of creating eye-catching posters and this research engages students to think about future science jobs.

Prefect timing for National Science Week!



Some of 7R Posters



## SHOW TEAM

Rutherford Technology High School Show Team have been busy preparing for a few upcoming events. Show Team Students have been getting our steers, 'Ace' & 'Spades' ready for the Muswellbrook three day Cattle Camp being held 25-27 August 2017 and then they will participate in the Tocal Live Show Day on 19 September 2017. We wish the team the very best for their events.

