

More information

Susan Hoerlein

Public Affairs & Communications Specialist

p (08) 9215 0733

m 0422 553 343

e susan.hoerlein@scitech.org.au

Scitech Careers Show Gives Students Insight into Workforce of Tomorrow

Scitech's science, technology, engineering and maths (STEM) careers show, 'Beyond the Beaker', helps prepare secondary students for the workforce of tomorrow, and the 75% of the fastest growing jobs that will require STEM skills.

From 26 July – 7 August, Scitech will tour 'Beyond the Beaker' to seven high schools in the Kimberley region, demonstrating the importance of STEM education and skills for career prospects to more than 1,120 students.

This program is made possible by Scitech's long-standing partnership with Chevron Australia, and tours regularly to different parts of the state, inspiring Western Australian secondary students to embrace a STEM-enabled future.

Kalien Selby, Acting Scitech Chief Executive Officer said, "Beyond the Beaker' focuses on equipping participants with the 21st century skillset needed for the future's fastest growing jobs. These skills have been defined as creativity, collaboration, communication, critical thinking and problem solving and are inherent in STEM learning."

"Today's young people are already described as 'digital natives' and our 'Beyond the Beaker' program encourages them to embrace their digital skills and leverage them for a future in numerous STEM-related career paths."

Beyond the Beaker incorporates emerging topics such as self-driving cars, life-saving drones, big data and artificial intelligence (AI). It also demonstrates how STEM skills are relevant to so many career avenues, from health and sports, to automation and the arts.

The hands-on demonstrations include a teacher versus student texting competition using a blank smartphone keyboard to highlight the difference between generational tech abilities, and experimenting with a program that teaches a neural network artificial intelligence to recognise drawn objects. A 3D printed prosthetic hand highlights one of the many ways STEM skills and cutting edge technologies can be used to make a difference in our changing world.

'Beyond the Beaker' will be at Wyndham District High School, Kununurra District High School, Halls Creek District High School, Fitzroy Valley District High School, Derby District High School, St Mary's College Broome and Broome Senior High School.