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Scitech Careers Show Gives Students Insight into Workforce of Tomorrow

More than 3,300 secondary students will discover the importance of science, technology, engineering and maths (STEM) skills for their future career prospects when Scitech brings the 'Beyond the Beaker' show to the Bunbury region from 12 – 28 February.

This unique careers show demonstrates emerging topics such as self-driving cars, life-saving drones, big data and artificial intelligence (AI). It also shows how STEM skills are relevant to a wide range of career avenues, from health and sports, to automation and the arts.

'Beyond the Beaker' 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.

Chris Shirley, Acting Scitech Chief Executive Officer said, "'Beyond the Beaker' focuses on equipping participants with the 21st century skillset needed for the 75% of 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."

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 visit Bunbury Catholic College, Bunbury Baptist College, Eaton Community College, Cornerstone Christian College, Cape Naturaliste College, Georgiana Molloy Anglican School, Newton Moore Senior High School, Bunbury Senior High School, and Bunbury Cathedral Grammar.