



Global Robotics Competition to Challenge Students from around the World to Navigate through the Smart Cities of the Future

Aussie Company Launches Global Robotics Competition

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Australian company Actura's inaugural OneWorld Robotics Competition is set to launch in November 2019.

· The competition brings together students from Years 7, 8 and 9 from around the world, competing to solve real-world STEAM problems.

Australian company Actura's OneWorld Robotics Competition will challenge students to apply STEAM skills through robotics to solve real-world problems. Area Competitions commence in November 2019. The competition involves students from Years 7, 8 and 9 from Singapore, Taiwan, China, New Zealand and Australia. The category of smart cities will challenge the students to come up with solutions to the problems of our cities of the future.

Subjects to contend with will include transport congestion, pollution, environmental sustainability and over-crowding. The Autonomous Vehicle will be a solution to many of these problems and students will consider the technical, legal, social and ethical solutions, including privacy and cybersecurity risks, through their technical application of robotics. The students will consider the Autonomous Vehicle as a solution to relieving congestion.

A panel of industry leaders will judge the students based on Dr Tony Wagner's 7 Survival Skills, critical thinking and problem solving; collaboration across networks and leading by influence; agility and adaptability; initiative and entrepreneurialism; effective oral and written communication; accessing and analysing information and curiosity and imagination. The Global Competition will be held in March 2020, with the top three teams competing against one another.

The OneWorld Robotics Competition is set to challenge students to apply STEAM skills to solve the problems associated with navigating our smart cities of the future. Students will hone their STEAM skills including critical thinking and problem-solving in order to find solutions through robotics, and present these to a panel of industry experts.

Established in Australia in 2014, Actura provides the leading STEAM learning solution comprising of in-class to out-of-class solutions. Our FlipRobot range provides the ultimate robotic STEAM learning solution for the in-class environment. Actura continues to seek to fulfil its mission to become the most trusted STEAM education solution provider. With offices in Sydney, Melbourne, Auckland, Shanghai, Singapore and Taipei and with further international expansion on the horizon, Actura seeks to achieve its mission on a global scale.

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Media and Resources

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