

Perth Showcase for Shell NXplorers Program

Secondary school students from five different metro schools will showcase results from the Shell NXplorers program, delivered by Scitech, at a special event on Tuesday 3 December at Scitech.

Students from Cecil Andrews College, Hampton Senior High School, Fountain College, Lakeland Senior High School and South Coast Baptist College will share their projects that answer the focus question of “How can we be more sustainable with food, water and energy in our school and community?”

The Shell NXplorers program is an international science, technology, engineering and maths (STEM) education program, facilitated by Scitech in Western Australia. It aims to drive interest and capability in STEM for secondary school students and demonstrates how the application of STEM skills can shape future career opportunities.

Projects from the 2019 cohort include building or revitalising school vegetable gardens, introducing compost bins at school, reducing waste from food packaging at the canteen and designing vertical gardens. There are also several projects around reducing water waste within school bathrooms by introducing push taps or aerators to reduce flow.

Kalien Selby, Chief Executive Officer, Scitech said “The NXplorers program is a remarkable opportunity for secondary school students to understand how STEM skills relate practically to their world. It promotes an ‘agent of change’ mentality and challenges students to create relevant, realistic and positive solutions to issues facing their community. With over 75% of the fastest growing future jobs identified as needing STEM skills and knowledge, the NXplorers program, which we deliver for Shell, is a constructive step towards empowering current generations for future success.”

Rob Jager, VP Prelude, Shell Australia said “Shell NXplorers is a global program equipping students with the knowledge and skills to tackle complex problems involving food, water and energy. We want the students of today to become tomorrow’s leaders, who are confident in finding solutions to global challenges, including developing more and cleaner energy.”

Students from St Mary’s College and Broome Senior High School in Broome also participated in the NXplorers program this year. Year 9 and 10 students tackled a range of sustainability projects which included using solar energy to cook food and designing gardens that can withstand flooding.

About NXplorers

Shell’s investment in sciences is aimed at developing smart thinkers to solve tomorrow’s global challenges, including the demand for more and cleaner energy. The NXplorers programs equips future generations with the skills they will need to access the jobs of the future.

Using key tools of ‘explore’, ‘create’ and ‘change’, the NXplorers methodology cultivates the main components of STEM thinking - critical thinking, problem-solving skills, creativity, communication and collaboration.

Students develop sustainability ideas, models and research projects to describe how they believe they can create positive change in their community.



MEDIA RELEASE

4 December 2019

More information

Susan Hoerlein

Public Affairs & Communications Specialist

p (08) 9215 0733

m 0422 553 343

e susan.hoerlein@scitech.org.au

Western Australian students have joined the NXplorers community of positive change already experienced in the Netherlands, Nigeria, Ghana, Brazil, India, Qatar, Russia, Singapore, Indonesia and Oman.

Previous programs have tackled food security in Qatar, salmon fishing sustainability in Russia and irrigation issues in India. By presenting STEM concepts in interesting and relevant scenarios, NXplorers aspires to develop an 'agent of change' mentality in the key generation transitioning into the world's future workforce.

<https://nxplorers.com/en/>