

The logo for ATSE Wonder of Science. It features a stylized sun icon to the left of the text. 'ATSE' is in a grey, sans-serif font. 'WONDER' is in a large, bold, orange font. 'OF' is in a smaller, bold, green font. 'SCIENCE' is in a large, bold, purple font.

The **Wonder of Science** program builds passion and enthusiasm for science and technology in Queensland's young people.

It aims to build substantial growth in the number and quality of future science and engineering professionals in Australia.

**Wonder of Science** is developed by the Australian Academy of Technological Sciences and Engineering (ATSE) for Queensland schools in regional, rural and Indigenous communities. It includes:

- **Investigative science projects** aligned to the Australian Curriculum.
- **Regional student conferences** for project presentations.
- Visits to schools by **Young Science Ambassadors (YSAs)**.
- Partnerships with **Industry Ambassadors**.

"It has been estimated that 75% of the fastest growing occupations require STEM skills and knowledge. Yet this Australian Industry Group research report reveals a disturbing picture in this area. Young people in schools and universities are not acquiring the STEM skills we need for our future prosperity. International studies such as the Trends in Mathematics and Science Study (TIMSS) also highlights stagnation in Australia's performance."

Australian Industry Group (2013) *Lifting our Science, Technology, Engineering and Mathematics STEM Skills*.

- School visits by the University of Queensland Science **Demo Troupe**.
- A **dedicated website** featuring: Ask a scientist, Sensational Science Stories, a Teacher's Site and program information.

There has been extraordinary enthusiasm for **Wonder of Science** from both teachers and students.

Teachers report that the program has produced a range of positive results for students including increased knowledge and understanding of:

- science and technology
- scientific inquiry processes
- the role of science and technology in society.

ATSE **Wonder of Science** is supported by companies and organisations in Queensland who want to give back to the communities they work in.

The investments of these organisations in **Wonder of Science** is a tangible investment in the future of Queensland and its communities.

For more information visit our website or contact:

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"The thing that excited me most about the **Wonder of Science** program was the opportunity to reach out to a large number of students to help make science accessible, especially for kids who may previously have found the subject unappealing or daunting."  
*Giverny Rodgers, Young Science Ambassador*

"The way the challenges were conducted created an atmosphere of knowledge sharing rather than knowledge delivery. My students told me they were not nervous at all. Well done, **Wonder of Science** for providing that safe learning environment."  
*Di Hughes, Horn Island State School*

"Being a Young Science Ambassador not only greatly improved my science communication skills but also made me realize how important and fruitful engaging science communication can be."  
*Simon Brandl, Young Science Ambassador*