## WONDER OF SCIENCE

## PROMOTING A STEM CULTURE

Where ALL students understand the importance of STEM and believe that STEM education and careers are accessible to them

Wonder of Science offers term-long STEM education programs for Years 5-9 students, which include: teacher professional development in inquiry-based teaching and learning; school incursions with Young Science Ambassadors; Australian Curriculum-aligned team challenge tasks and student showcase conferences in regions and at state level.

Over 100 PhD students are trained and mobilised as Young Science Ambassadors each year. They represent CALD backgrounds, wide-ranging research interests and potential STEM careers. 76% identify as women and this increased visibility of relatable role models is reflected in participating student achievement, with 82% of the 2019 state conference champions being girls. Wonder of Science is fostering increased confidence and uptake in STEM pathways for female students.

