



# BHP Billiton Foundation Science & Engineering Awards

## 2018 Teacher Awards

### National Winner



**Adele Hudson** Aitken College, VIC

Adele Hudson is Head of Science at Aitken College and teaches middle school science, senior chemistry and physics. She has a Bachelor of Science from the University of Adelaide and a PhD from RMIT, where she also worked in a postdoctoral position. Adele credits her highly rewarding work with high school students in university outreach programs as the reason for her move into teaching.

Drawing on her research background, Adele is passionate about providing students with opportunities to engage in open-ended investigations. She's found that when students learn through exploration and discovery, it nurtures a love of learning and strengthens skills such as working collaboratively, problem solving, critical thinking, and utilising technology for data collection and communicating ideas.

Adele has worked with the Aitken College science teaching team to ensure students engage in learning tasks that are relevant, based on real world scenarios and develop future work skills. She's also created a program to inform parents and students of the changes occurring in the world of work, as well as other "pop up" science and maths programs that educate students about STEM careers and develop their project management and communication skills.

One program, EngGirl Ambassadors, was recently awarded a Scale Grant from the WISE Changemakers initiative, because of its potential to increase women in STEM engagement and retention.