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Boosting your professional competence

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attended the webinar on

Robogals: Encouraging Girls into Engineering

50 minutes

Presented by Lara Antonioli
Regional Mentor, Rogogals Asia Pacific

Outline of content presented

Robogals is a global not-for-profit organisation that aims to encourage more young girls to considering studying engineering at a tertiary level. It was founded by 2012 Young Australian of the Year Marita Cheng, in 2008 at the University of Melbourne after she was surprised at the lack of women in her engineering class after moving from Cairns. Robogals provide free engineering and robotics workshops for students between the ages of 8 and 17 in order to show them that engineering is a profession that women can do and succeed at. The main form workshop utilises LEGO NXT robots in order to teach the students simple programming, team work and problem solving skills.

Outcomes for attendee:

Understanding who Robogals are and what they do

Understanding the problems with the lack of women in the engineering industry and how it stems from early childhood

How you can have Robogals get involved with your classes in the future

This webinar could be relevant to the following Australian professional standards for teachers:

2.6 – Information and Communication Technology (ICT)

3.1 – Establish challenging learning goals

3.3 – Use teaching strategies

3.4 – Select and use resources

7.4 – Engage with professional teaching networks and broader communities