

**Techgirls - Student pre-competition survey**

These questions form the pre-program evaluation of the Tech Girls Movement Foundation's Techgirls STEM Entrepreneurship Competition.

As of November 2020, the Tech Girls Movement Foundation are 1 of only 7 Australian organisations evaluating their gender equity programs. We have been highlighted by the Women in STEM Ambassador's Office for providing best practice in evaluating STEM gender equity programs.

We provide these survey questions in good faith that you too may build effective evaluation into the over 330 gender equity programs running in Australia.

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Where the other option is selected, the respondent is prompted to give an open-ended answer.

The respondent can only give one response unless specified below.

Where an asterisk appears, this means that the answer is compulsory.

**SECTION 1: INFORMATION ABOUT YOU AND YOUR SCHOOL**

What state/territory do you live in? \*

- Australian Capital Territory
- New South Wales
- Queensland
- South Australia
- Tasmania
- Victoria
- Western Australia
- New Zealand South Island
- New Zealand North Island

What type of school do you attend? \*

- Co-educational
- Single-gender school

Is your school? \*

- Public/State School
- Independent
- Catholic
- Unsure

Name of your School \* (*Open-ended answer*)

What grade are you in at school? \*

- Year 3
- Year 4
- Year 5

- Year 6
- Year 7
- Year 8
- Year 9
- Year 10
- Year 11
- Year 12
- Year 13

What activities does your school offer for students who are interested in science and/or computing? \* *(Respondent can choose more than one answer)*

- Clubs
- Excursions
- Competitions
- Guest Speakers
- Other

Do you have any comments about the activities your school runs? *(Open-ended question)*

Have you previously participated in Techgirls (Previously Search for the Next Tech Girl Superhero Competition). If no, please move to section 3. \*

- Yes
- No

## **SECTION 2: PREVIOUS PARTICIPATION IN TECHGIRLS**

If you have previously participated in the competition, which year(s) did you do so? *(Respondent can choose more than one answer)*

- 2019
- 2018
- 2017
- 2016
- 2015
- 2014
- Other

Did your team complete the competition and submit an entry?

- Yes
- Yes, each year
- No
- No, not each year

If your team did not complete the competition, please tell us why not. *(Open-ended answer)*

If you participated in Techgirls in 2019, did you complete the post-competition survey?

- Yes
- No

If you did not complete the 2019 post-competition survey, please briefly tell us what you liked and disliked about participating in the competition. (*Open-ended answer*)

### **SECTION 3: TECHNICAL KNOWLEDGE**

How much knowledge of coding do you have? \* (*None, some, a lot*)

If you go to university, which area are you most likely to study? \*

- Science
- Computing/Information Technology
- Engineering
- Medicine
- Teaching
- Other

Use the emoticons to tell us how you feel about the following statements \* (*Strongly Agree to Strongly Disagree*)

- I am considering a career in science or technology \*
- I like to watch television shows about science or technology \*
- I expect to start my own business when I leave school \*
- I am confident about developing new ideas using technology \*

Please answer the following statements using the emoticons.\* (*Strongly Agree to Strongly Disagree*). Please note the term 'science' in the following statements refers to any type of science and/or mathematics. 'Technology' refers to any digital systems and technologies.

I enjoy learning about science \*

I enjoy learning about technology \*

I do well in science subjects \*

I do well in subjects involving technology \*

I plan to use science or computing in my future career \*

If I learn a lot about technology, I will be able to pursue many different types of careers \*

My parents would like it if I choose a science or computing career \*

I like my science classes \*

I can cope with not doing well on STEM assignments \*

I know people who work in science and/or computing \*

I don't need to know about science to get a good job \*

I don't need to know about technology to get a good job \*

With regard to the 13 statements above, please provide a little bit more detail as to why you answered the way you did. (For example, if you answered 'strongly agree' to many of the statements, can you explain why you think this is? Have you had great teachers or tech and science-loving friends or family?) (*Open-ended question*)