### Girls' Programming Network

girlsprogramming.network



Growing Gender Diversity in Tech from Hello World to Hello Tech Career - A pipeline for girls, women and gender-diverse people to learn, grow, and lead.



7500+ Students reached



130+ Events
run



23,500+ Volunteer Hours

BROUGHT TO YOU BY Tech Inclusion

techinclusion.org.au

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## Who we are!

Our mission is to empower girls, women, and gender-diverse people to flourish in tech education and careers at every stage of their journey. We aim to develop a pipeline of enthusiastic, technically capable people to fill the shortages of candidates and create more diversity in the Tech industry.

Our free quarterly workshops around Australia allow high school students with any level of programming experience to gain new skills or extend their abilities, meet new friends and mentors, and experience the joy and excitement of building hands-on projects with code. Meanwhile, our university and industry volunteers develop their confidence and leadership skills while building their networks and tackling new opportunities.



During the events, students participate in a range of activities. Our projects expose them to different ideas, from game development to cyber security, to embedded systems. It doesn't stop at coding; students also get a broader understanding of computer science by playing computerless games that explore real-world applications of tech. Our older students also receive mentoring from volunteers to learn about their next steps towards university and careers in tech.

Once our students leave High School, we encourage them to come back as volunteers during their university studies. Many of our university student volunteers use GPN as a leadership and professional development opportunity and as a way to network with volunteers from the industry.

Supporting diversity in Tech from early High School, through University and into the workplace with a fun, engaging and inclusive community is what GPN is all about!





"It's lots of fun building your own codes and creating your own programs. It's also fun learning about cyber security."

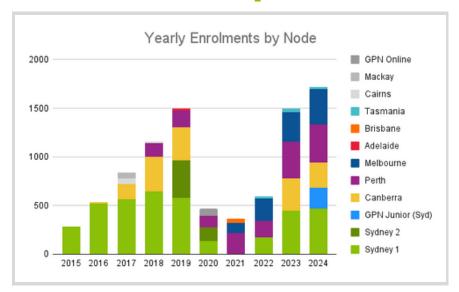
- A Perth Year 7 student



"I think the most important thing that makes GPN fun, cool and exciting is that everyone is a girl so it makes it easier to talk to them."

- A Melbourne Year 8 student

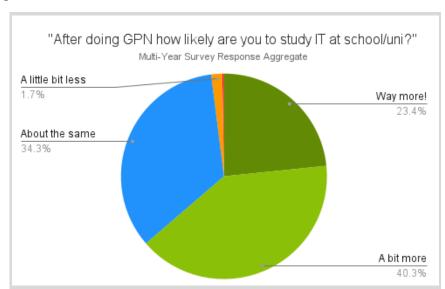
## Our impact!



Between 2015 and 2019 GPN had enormous growth, leading us to establish many national nodes and double the events we held in Sydney.

In 2020 we had to stop running GPN in many of our nodes due to the pandemic. But this didn't stop us from finding new ways to grow GPN such as running a pilot GPN Online and exploring new national nodes when COVID restrictions allowed.

We are now back on our way to pre-pandemic growth and are excited to expand the program and revive our dormant regional nodes!



At the end of each event, we survey the students to measure our impact. This graph shows an aggregate of 2019-2022 data showing the tremendous effect a GPN workshop has on the students we reach.





"I think the diversity of tutors and being able to network with people who explored different pathways into IT was very important. It made IT less intimidating to go into as a feminine presenting person."

- A Sydney Year 12 student



"I think GPN is awesome because it gives an opportunity for girls to do coding and experiment with their possible future career paths"

A Melbourne Year 7

-A Melbourne Year 7 student

# Benefits of Contributing!

Sponsoring GPN enhances your talent pipeline by increasing awareness of your organisation and making positive relationships with up-and-coming talent. Through a partnership with us, your organisation will be able to connect with our university-level volunteers for a more immediate increase in diversity and volume of applicants, while setting yourself up for a long-term increase through connection with our high-school student participants. Your support helps us improve the program's reach and capacity to grow our intake further.

#### Key GPN Nodes 2024 - Students Reached

Sydney
685
Students
(4 Events)

Melbourne
365
Students
(4 Events)

Canberra
257
Students
(4 Events)

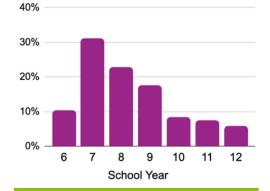
Perth 390 Students (4 Events)

GPN is a complete pipeline program where we provide a no-barriers-to-entry experience and ensure all students have opportunities to extend their skills, confidence, and network. Our goal is to equip our students with the knowledge and passion they need to continue their coding journey after high school. While our workshops provide them with a talent and passion for technology, looking to life beyond school is a vital part of the program, particularly for senior students. Through our mentoring program, year 10-12 students engage closely with university students and industry representatives to help them better understand and plan for a future in technology, where sponsors play a crucial role in exciting students about industry opportunities.

After high school, we continue to support our GPN alumni, as they continue their journey through volunteering. We achieve this through a supportive local community, technical upskilling and communication, and leadership opportunities, to put them ahead of the pack. Their engagement with industry sponsors is essential, connecting them with mentorship and career information to guide their journey.



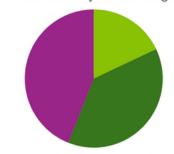




Our workshops attract many junior High School students exploring their interest in STEM, and dedicated senior students expanding their skills.

We have seen a strong correlation between increasing mentoring at our events and the engagement of senior students.

Volunteers by career stage



- University Student (Year 1-2)
- University Student (Year 3+)
- Working Professional

Our volunteer cohort is filled with a range of women and gender diverse people in many stages of their study and career journeys. Our goal is for every volunteer to get more out than they put in, including up-skilling, mentorship, and industry connections.

# Extending the Pipeline

Studies have shown that students make their minds up about whether tech and engineering is a field for them from as young as the age of 6. Looking at this research, we knew that we had to start engaging girls in fun, welcoming and inclusive tech spaces in primary school.

To address this problem, we created the GPN Junior program in 2024. A program catered for students in years 3-6 which introduces girls to programming and other core computer science concepts, while keeping the exciting and engaging spirit of our regular GPN events!

#### Pilot program key results in 2024

Students participating 219

Total volunteers 103

Student volunteers 50

Student satisfaction 98%

GPN Junior is a key piece in our "full pipeline" solution to getting more girls, women and gender diverse folks into tech! By introducing students to tech earlier, and giving them regular touchpoints with a tech-centric community and extra curricular activity, we can battle the sentiment that tech isn't for girls. Once the students graduate primary school, they can start coming to our regular GPN events, growing their tech skills even more!

An important aspect of GPN Junior is that we've invited our senior high school students from years 10-12 to volunteer with us for the first time! Giving them leadership opportunities, extra mentorship and support, and helping them grow in their GPN journey!

To measure whether the primary school students enjoyed the new program, they were given a slip of paper to rate the event out of 5, and 98% of students gave us a rating of 3 or higher!





"GPN has been a fantastic experience for my daughter to improve not just her coding skills but her engineering and problem solving abilities too. With the knowledgeable tutors and other eager kids, she can do that in a safe environment where nobody is afraid to ask questions and experiment"

- GPN Junior parent



"I can't sleep because I'm so excited to volunteer for GPN Junior!"

- Year 10 student

## How to get involved! Bronz \$10.00



involved!	Bronze \$10,000	Silver \$20,000	<b>Gold</b> \$50,000	Platinum \$75,000
Annual GPN Report	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Your logo on our website	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Your logo on promotional material	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Ability to promote to our mailing lists once per month with Job opportunities or events	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Your logo on the content		$\checkmark$	$\checkmark$	$\checkmark$
Your Merch distributed to students		$\checkmark$	$\checkmark$	$\checkmark$
Slots for diverse folks from your org to mentor our senior students		1	4	4
After lunch talks with diverse folks from your org			1	3
Host an event (e.g. site visit, networking, professional development) for GPN participants at your location.			$\checkmark$	<b>✓</b>
Your logo on the next T-shirt print				$\checkmark$
A 5 minute welcome speech to start each event at your local node				<b>✓</b>



If you are interested in a bespoke partnership, please reach out to us!

# Where to next?

Currently, we have the following strategic goals to grow and strengthen our program!



Relaunch nodes in Adelaide and Brisbane



Grow the Sydney community to include a Western Sydney node



Build on the GPN Junior program to scale it to our other locations







"The tutors are incredibly helpful, understanding and kind. You learn so much about coding, make many new friends, and you are learning what is designed for your level of coding."

- A Sydney Year 7 student



"GPN topics and content are always super interesting and you can work through everything at your own pace. The tutors are extremely helpful and friendly."

- A Melbourne Year 8 student