

UQ Engineering, Design and Computing Ambassador Program

# Guide for Teachers

## PROGRAM EXPECTATIONS

To successfully support the UQ Engineering, Design and Computing Ambassador Program at your school and receive a certificate of completion, students and teachers must fulfil the following responsibilities:

### TEACHERS

- Meet with Ambassadors at least once a month to ensure their active participation in the program.
- Assist the Ambassador group in completing the engineering, design and computing tasks throughout the year.
- Follow up with students who are not reading emails or completing activities.
- Encourage other STEM, Design and Geography teachers at your school to join the UQ Engineering, Design and Computing Ambassador mailing list to receive monthly updates on news, events, and opportunities.
- Attend monthly meetings with Ambassadors to plan and organise their activities.
- Support the Ambassador group in introducing themselves to the school community during Term 2 assembly.
- Investigate with your Ambassadors the opportunity to have an engineering, design and computing-themed stand or activity on display at your school Open Day - UQ can send current students and demonstrations to help.



## STUDENTS

Students must choose at least 2 activities in total—at least one from “Activate Your School” and one from “Bring UQ to Your School”—to help promote Engineering, Design, and Computing in your school.

### ACTIVATE YOUR SCHOOL

1. **Create a ‘Did You Know?’ wall.** Set up a space in your classroom to showcase fascinating facts about Engineering, Design, and Computing.
2. **Set up a noticeboard.** Establish a dedicated noticeboard in a high-traffic area of the school to share the latest news, competitions, and updates in these fields.
3. **Feature an ‘Engineer/Designer/Technologist of the Week’.** Create a short PowerPoint slideshow for school TV screens or digital noticeboards. Each week, highlight a researcher or professional making an impact in these industries.

### BRING UQ TO YOUR SCHOOL

1. **Invite UQ to run an interactive workshop.** Explore available workshops at [eait.uq.edu.au/community/high-school-activities/our-workshops](http://eait.uq.edu.au/community/high-school-activities/our-workshops).
2. **Host a subject selection session.** Organise a discussion for students considering senior Maths, Physics, Design, Engineering, Earth & Environmental Science, ICT, or Chemistry. Share why you chose your subjects and how they relate to future careers.
3. **Invite a UQ Researcher to speak.** Arrange for a UQ expert to visit your class and talk about their research and the future of the industry. Contact [ambassador@eait.uq.edu.au](mailto:ambassador@eait.uq.edu.au) to set this up.

## ACTIVITY REPORT

Students must submit one Ambassador Activity Report for your school. A template for this report will be sent to you and the Ambassadors.



## NEED HELP?

If you or the Ambassadors require any advice or support, reach out to: The UQ Engineering, Design and Computing Ambassador Program Coordinator, Helen Burdon, at [ambassador@eait.uq.edu.au](mailto:ambassador@eait.uq.edu.au)

## BENEFITS FOR YOUR SCHOOL

1. **Build confidence.** In becoming Ambassadors, your students will gain increased confidence and initiative through a supported leadership role.
2. **Networking.** Teachers and students can create new professional development and learning networks.
3. **VIP access.** Teachers will receive special invitations to attend events, professional development programs, and trials.
4. **Participation.** Increase student participation in STEM events and programs.
5. **Transition made easy.** Assist the secondary to tertiary transition by encouraging student participation in university activities.
6. **STEM.** Demonstrate to students, parents, and your school community that STEM is enjoyable, highly valued and accessible.
7. **Information first.** Receive priority for information on UQ programs, scholarships, events, and initiatives.
8. **Build a community.** Student Ambassadors will have the opportunity to connect with other like-minded students to build a STEM community.
9. **Increasing soft skills.** The program will facilitate learning of soft skills such as communication, leadership and collaboration.

