

2020 Questacon Student Training Program

Questacon – The National Science and Technology Centre will be running the Student Training Program from March to September 2020. This Program provides students in year 11 and 12 with firsthand experience in various roles throughout Questacon, from developing science activities and making public presentations with the Science Communication Stream.

Who? Seeking year 11 and 12 students in the ACT and surrounding regions, with varying backgrounds and interests in science, communication and/or design and technology.

Why? Successful completion of the Program counts as an 'R' unit for Year 12 certificate, students are eligible to be Volunteer Explainers at Questacon, and students receive professional guidance and training from Questacon staff.

How? Complete the attached form, students then complete 12 weeks of training, learning and exploration of science communication, followed by 40 hours in Questacon galleries as science explainers.

Science Communication Stream

- Focus on science communication and customer service, including making public presentations and developing science activities
- Learn and deliver a variety of science experiments and demonstrations
- Practice firsthand customer service skills

What sort of students are we looking for?

Students who:

- have an interest in science and technology;
- have the self-discipline to work under limited supervision;
- have a willingness to learn; and
- can commit to a 12-week evening training Program.

Science Communication students are:

- Able to talk to both large and small groups (or willing to learn);
- Keen to work as Volunteer Explainers at Questacon

After the Programme

Many students who complete the Student Training Program continue to volunteer at Questacon as Volunteer Explainers. Questacon's Volunteer Program has been running successfully for over 25 years and each volunteer is a highly valued member of the Questacon team.

The role of a Volunteer explainer is to:

- talk informally to visitors about the science behind the exhibits;
- demonstrate science concepts to visitors; and
- assist visitors to the Centre with information on theatre shows, facilities and galleries.

Attached is an overview of the 2020 Student Training Program, which will run from March to September (Note: The order of evening session topics are still to be confirmed). Activities are held out of school hours and during school holidays. Students will complete a series of training modules in the first part of the Program, and in the second part, spend time in the galleries as science explainers (science communication stream).

Nominations close on 11 March 2020. A nomination form is attached. Please complete and return to Mrs Aboud (Science Coordinator), in the Science Staffroom or via email, if you are interested.



Australian Government



Application to attend Questacon Student Program Training

Name:

Year

Phone Contact:

College Name:

Email address:

Reasons for participating in the QUESTACON Training Program.

Current College experiences? (courses etc)

What Science/Technology/Maths/Careers/Community Activities have you done in High School / College?

What career do you wish to pursue and why?

Student Training Program 2020

Science Communication Stream

Course Outline

<p>12 March Thursday 2020 5.00pm – 6.30pm Japan Theatre</p>	<p>Welcome/ Information Session <u>Show:</u> BOC Liquid Nitrogen Show (30-40 mins)</p> <ul style="list-style-type: none"> • What is involved in the Program and expectations of participants? • What can the Program lead to? • Volunteer duty statement & Program timetable.
<p>19 March Thursday 2020 4.45pm – 6.45pm</p>	<p>Administration (1 hour)</p> <ul style="list-style-type: none"> • Fire and Emergency Procedures • Workplace Health and Safety <p>Questacon Overview (1 hour)</p> <ul style="list-style-type: none"> • Questacon History • Training Folders, Gallery Notes, Policy & Procedures • Uniforms <p>General Tour</p>
<p>26 March Thursday 2020 4.45pm – 6.45pm Japan Theatre</p>	<p>Born or Built Show: (30-45 minutes) Born or Built Gallery exploration WWVP registration</p>
<p>2 April Thursday 2020 4.45pm – 6.45pm Japan Theatre; Blue Door Room</p>	<p>Science Communication Workshops <u>Workshop 1:</u> In the Spotlight Training <u>Workshop 2:</u> Communicating</p>
<p>9 April Thursday 2020 4.45pm – 6.45pm Japan Theatre</p>	<p>Fundamental Gallery- Show Gallery Exploration (~1 hour) Curiosity Corner Exploration (~45 hour)</p>
<p>10 April – 26 April 2020</p>	<p>Holiday Period</p>

30 April Thursday 2020 4.45pm – 6.45pm Japan Theatre	Awesome Earth Gallery <i>Show:</i> Awesome Earth (30-45 mins) <i>Gallery Exploration</i> (~1 hour)
7 May Thursday 2020 4.45pm – 6.45pm Japan Theatre	QLab and Shed Galleries <i>QLab Exploration</i> (~1 hour) <i>Shed Exploration</i> (~25 mins)
14 May Thursday 2020 4.45pm – 6.45pm Japan Theatre -	QLab and Shed Galleries <i>QLab Exploration</i> (~1 hour) <i>Shed Exploration</i> (~25 mins)
21 May Thursday 2020 4.45pm – 6.45pm Japan Theatre	Moon Gallery - Show <i>Gallery Exploration</i> (~1 hour) <i>Trolley Exploration</i> (~45 minutes)
28 May Thursday 2020 4.45pm – 6.45pm Japan Theatre,	Science Communication Stream Show case Showcase what we have been up to school groups QBN
4 June Thursday 2020 4.45pm – 6.45pm Japan Theatre	Gallery Revision and Presentation Practice*QBN groups <i>Gallery 2</i> (~45 minutes) <i>Gallery 8</i> (~45 minutes)
11 June Thursday 2020 4.45pm – 6.45pm	QLab and Shed Galleries QBN groups <i>QLab revision and presentation</i> (~1 hour) <i>Shed Exploration</i> revision and presentation (~25 mins)
18 June Thursday 2020 4.45pm – 6.45pm	Gallery Revision and Presentation Practice* QBN groups <i>Gallery 2</i> (~45 minutes) <i>Gallery 8</i> (~45 minutes)
25 June Thursday 2020 4.45pm – 6.45pm Japan Theatre & Galleries	Final Training Session <ul style="list-style-type: none"> • Organisation of 10 holiday shifts on the floor • Expectations for 40 hours floor time • Final Q&A
Gallery Time & Assessments July- September	<ul style="list-style-type: none"> • 40 hours on the floor in Galleries, including Curiosity Corner • Assessments held on last floor shift or booked in after completion of 40 hours • 40 hours must be completed by the 11th of September
10 September 2020 6.00pm – 7.30pm Japan Theatre	<u>Graduation Night</u> <ul style="list-style-type: none"> • Light Supper • Student Presentations