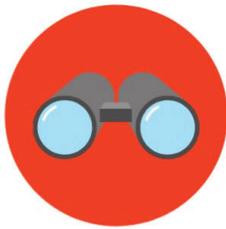


Designing for bushfire resilience

Geelong Tech School, Latrobe Terrace, Geelong

Wednesday 23 June 2021, 9.30am - 2.30 pm

Tech School students are invited to join Telstra and Telstra Foundation partner, Young Change Agents, for a one-day session to explore and solve real-world challenges with a focus on Science, Technology, Engineering, Arts and Mathematics (STEAM). Tech School participants will hear from agencies such as the Red Cross and the Country Fire Authority, which will assist in developing a deeper understanding of bushfire resilience, then work to develop solutions that will positively impact Victorian communities.



9.30am
Introduction to the challenge,
presentations by experts

Students arrive on-site at Geelong Tech School and are introduced to the proposed challenge. Presentations from expert partners with experience in supporting local communities impacted by fire will help students understand the challenges and identify gaps.

10.30am
Empathy interviews and
problem definition

Working in pairs to conduct empathy interviews, students will focus in on a specific problem and its underlying causes. From there they will create a "how might we?" question which will be used to develop ideas.

11.30am
Ideation and lunch

Students will brainstorm potential solutions using a creative ideation process before taking time out for a healthy lunch.

12.30pm
Prototyping and Validation

After identifying the customer for their idea and how it will benefit them, students will then demonstrate the features and benefits using a prototype and use this for feedback with their customers.

1.50pm
Presentation of ideas

Teams will present their ideas to the group in a rapid pitch activity. Students will be asked to provide feedback to at least two other teams and suggest ways they can enhance their solutions.

2.30pm
Program concludes

Celebration and program close

Numbers are limited
To register, contact
Geelong Tech School



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Your next steps & more information



19 May 2021

Registration with your Tech School

- Schools **register their interest** with their local Tech School, including
- how many students are interested. Students are divided into teams of 6.

26 May 2021

Pre-work: growth mindset activities

- Young Change Agents shares **optional growth mindset activities**,
- run by teachers with students, to prepare students for the workshop.

9 June 2021

Pre-work: understanding the problem and existing alternatives

- Young Change Agents **shares resource links** that explain some of
- the existing bushfire resilience activities conducted by the CFA, Red Cross and Indigenous land management experts. This might include a
- recorded webinar** between YCA and experts, if there is interest!

23 June 2021

Immersive workshop

- Workshop is held at Geelong Tech School.** Led by YCA, Tech School
- facilitators & Telstra mentors also guide each student team with their ideas.

July 2021

Post-workshop mentoring sessions

- Student teams are offered an **additional one-hour virtual mentoring session** with a Telstra mentor per team, organised via their school.

July 2021

Finalist Team Selection
Telstra Vantage preparation

- Three to four student finalist teams are specially chosen** by a panel of YCA, Tech Schools and Telstra to present their work at Telstra Vantage. Students prepare their presentations, prototypes and pitches.

August 2021

Telstra Vantage

- Finalist teams present their work at Telstra Vantage**, an industry
- event that attracts thousands of influential decision-makers,
- professionals and tech experts. They receive feedback and tips from
- an expert cross-industry panel and share their work with the world!

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