

Virtual 2020 STEM Conference

FIND YOUR FUTURE IN STEM

The future world of work will demand STEM skills, but what do STEM skills really look like?

The STEM Conference explores how STEM is being used in a range of industries and careers and inspires students with stories, presentations, and demonstrations by industry leaders to consider a career in STEM.

How to use this resource:

Save this website for continued access to the resources, or click the icons below and download the PDF's which include information and recordings from the sessions as well as other videos from the organisations.



BRAINSTEM



LA TROBE UNIVERSITY



TWISTED SCIENCE



AUSTRALIAN DEFENCE FORCE



COCA-COLA AMATIL



MONASH UNIVERSITY (IT)



Overview

The future world of work will demand STEM skills, but what do STEM skills really look like? The STEM Conference explores how STEM is being used in a range of industries and careers and inspires students with stories, presentations, and demonstrations by industry leaders to consider a career in STEM.

How to use this resource:

Once you have registered, save this website for continued access to the resources, or click into each icon and download the PDF's which include information and recordings from the STEM Careers Conference as well as other videos from the organisations.

You might like to share the URL with your students and use the page like a virtual expo.

What is included in this resource?

There are 11 “virtual stalls” within the website containing downloadable PDF’s full of information about STEM careers and STEM organisations.

The Organisations/People are listed below:

- BrainSTEM
- La Trobe University
- TwistED Science
- Australian Defence Force
- Coca-Cola Amatil
- Monash University (IT)
- Australian Mathematical Sciences Institute
- Southern Program Alliance – Level Crossing Removals
- Monash University (Science)
- Young Manufacturer of the year 2019
- Tech Girls Movement

Learning Objectives

- Understand the careers associated with the STEM industry
- Learn about the pathways from school into STEM careers
- Discover how STEM is helping to solve some of the biggest global issues including Climate Change

Program Level /UoC

Year Level: 9- 11

- Appropriate to be used during STEM classes
- VCE Industry and Enterprise

Area of Study 2 Developing Work Related Skills

- Foundation level VCAL

Work Related Skills Foundation Unit 1 Learning outcome 4.1

Research and identify different employment opportunities within a selected workplace

Work Related Skills Foundation Unit 2 Learning outcome 2

Identify and demonstrate employability skills required for a simple work-related activity

Required Resources

- Computer
- Access to the internet to watch the videos