Centenary State High School
STEAM Program

Drones in Disaster Zones

Explore and work with Drones and understand their application in disaster zones. **Designed for students in the junior school** and working with **STEM Punks**, you'll be presented with a disaster scenario and given a set timeline to come up with a new and innovative solution using your drone.

Cost: $70

Design & Build a Drone

In this fun and interactive program you'll work with **STEM Punks** to explore how Drones can be used to solve real-world problems. You'll learn the system components of drones and how to design drones from scratch. **Designed for senior students**, this series of workshops will give you insight into one of the fastest growing and most innovative industries around.

Cost: $70

Orbit – Drama workshops

Do you have a burning passion for **acting**? If so, this series of acting workshops for **Years 9, 10 and 11** students is designed for you! Working with **Backbone Theatre and Artist in Residence, Lucas Stibbard**, you will explore text, develop your acting skills and create a theatrical performance.

Cost: $70 (term 2 only)

Environmental Monitoring

Explore the challenges of Environmental Monitoring with **STEM Punks**. You'll be presented with environmental issues and given a set timeline to come up with innovative solutions. Designed for **Year 7, 8 and 9 students**, you'll learn about 'Design Thinking' and 'Entrepreneurial Thinking.' You'll design you own product or service solutions using STEM Tools including 3D Design, 3D Printing, Coding, and IOT (Internet of Things).

Cost: $70

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Quality Learning, Quality Futures

Drones in Disaster Zones

Problem Based Learning

In this immersive STEM program the students will explore the topic of Drones and their application in disaster zones. A problem will be presented to the students with a set timeline to come up with a new and innovative product or service solution.

The students learn about 'Design Thinking' and 'Entrepreneurial Thinking' and design their own product or service solutions using STEM Tools including Drones, Coding, 3D Design, and 3D Printing. The workshops will also see students develop skills associated with teamwork, problem solving, and project planning.
When: Thursday 3.15- 4.45pm,
Term 2 week 4-7 (4 workshops commencing 16th May)
Who: Years 7, 8, 9
Cost: $70
Co-coordinating teacher: Anne-Marie Price

Design & Build a Drone

Problem Based Learning

In this fun and interactive program the students will explore how Drones can be used to solve real-world problems. They will learn the system components of drones and how to design drones from scratch using 3D Printing and other rapid-prototyping tools.

The combined learnings of this program will see students apply the STEM skills and create a pitch-deck to sell their ideas to a panel of potential investors.

When: Thursday 3.15- 4.45pm, Term 2 week 4-7 (4 workshops commencing 16th May)
Who: Years 10, 11, 12
Cost: $70
Co-coordinating teacher: Anne-Marie Price

Orbit – Drama workshops

Imagine you are one of 20 young people, of which only two will be chosen to carry on humanity's bright future on planet Mars…

Orbit by David Burton is a dramatic play that deals with the trials encountered by the youths as they attempt to out-compete each other to secure a place as a settler on Mars. Working with **Backbone Theatre**, you will explore the text, creating a theatrical performance in Term 3 with **Artist in Residence, Lucas Stibbard**. This is an extension activity for both terms 2 & 3 for those of you with a burning passion for acting.

When: Thursday 3.15- 4.45pm, Term 2 week 3-8 (6 workshops commencing 9th May)
Term 3 week 2-7 (6 workshops commencing 25th July)
Showcase performance Term 3 week 8.
Who: Years 9, 10, 11 (20 places only)
Cost: $70 per term ($140 total)
Co-coordinating teacher: Megan Ball

Environmental Monitoring

Problem Based Learning

In this immersive STEM program the students will explore the challenges of Environmental Monitoring. A problem will be presented to the students with a set timeline to come up with innovative solutions.

The students learn about 'Design Thinking' and 'Entrepreneurial Thinking' and design their own product or service solutions using STEM Tools including 3D Design, 3D Printing, Coding, and IOT (Internet of Things).

The combined learnings of this program will see the students apply the STEM skills and create a pitch-deck to sell their ideas to a panel of potential investors.

When: Thursday 3.15- 4.45pm,
Term 2 week 4-7 (4 workshops commencing 16th May)
Who: Years 7, 8, 9
Cost: $70
Co-coordinating teacher: Anne-Marie Price

STEAM WORKSHOP REGISTRATION FORM (TERM 2, 2019)

Workshop Name:

Commencement Date:

PARENT/CARER CONTACT INFORMATION

Title: Mrs/Ms/Mr   Family Name: Given Name:

Relationship to student:

Student Information

Family Name: Given Name: Year Level:

[ ] I acknowledge that the cost for the group of STEAM workshops held in term 2 will be $70 per group of workshops and that I will be invoiced for this, during the term.

Parent/Carers Name:

Signature: Date:

How is registration confirmed?
You are registered for a workshop only when a confirmation email is received from Centenary SHS. If you do not receive an email, please contact one of the STEAM Team on STEAM@centenaryshs.eq.edu.au

Cancellation & refunds
Substitutions and cancellations will be accepted up to 48 hours before the event. These must be provided via email. No refunds are possible after this time.

Multiple registrations
Please provide a separate form for each student requiring workshop registration.