

Learning Labs Workshops

LIVERPOOL APRIL 2019



UNIVERSITY
OF WOLLONGONG
AUSTRALIA

Outreach & Pathways

1 DAY YEAR 7-10 MINI-LABS: APRIL 23RD OR 24TH



Electronics, Sensors & Arduinos

YEARS 7 - 10- 23RD OR 24TH APRIL

Presenter: Timothy Gwan

Are you interested in learning to design and build electronic circuits? Do you want to learn how to program different types of sensors using a microcontroller?

In this workshop you will learn about different components found in DC circuits, how to read circuit diagrams and build simple circuits on breadboards. Working in small groups you will design and program a device that uses multiple sensors (temperature, magnetic, vibration, light and tilt) for a real-world application of your choice using codes and an Arduino.



Plan as a Pro, Present as a Winner

YEARS 9 & 10- 24TH APRIL ONLY

Presenter: Fadi Kotob

This workshop teaches students the foundations of project management and provides them with hands-on activities to develop and present an improvement proposal for a Not For Profit (NFP) organisation, such as Vinnies. Students who produce the best proposal may have the opportunity to engage as volunteers in the NFP to implement their proposal.

This workshop is for students who want to improve their planning skills and learn to present in an interesting and confident manner. These skills are highly sought by employers and will help you when completing assessments, applying for work and pitching for admittance at University.

2 DAY LEARNING LABS: APRIL 23RD & 24TH



#PopCulture

YEARS 7 - 10

Presenter: Kai Soh

Ever wondered why the news is presented in certain ways? Or why Taylor Swift decided to delete all her social media posts before the release of her album Reputation (2017)? Or the popularity of KPop superstars BTS?

This two-day workshop examines the concept of framing and how culture affects entertainment products in Western media (Australia and Hollywood) and East Asia (China, Japan and Korea).

The first day investigates why news stories are published in various angles and how celebrities frame their public image on social media, which will then lead to the exploration of the #selfie phenomenon. On the second day, participants will examine East Asian popular culture and the cultural differences present in East Asian entertainment products in comparison to the West.



Inspired Creative Writing

YEARS 7 - 10

Presenter: David Strange

Do you love writing short stories and creative pieces? Are you curious to know how top level high school students earn the highest possible marks in creative writing in NAPLAN and the HSC?

This two day workshop will focus on strategies for students to write an inspired and professionally-crafted short story with high level techniques including characterisation, motif, symbolism and foreshadowing devices.

It will be conducted by a current HSC English teacher and marker who will prepare students for writing engaging and powerful narratives in the high school context.

Be inspired to tell your story!



The Hero's Journey

YEARS 7 - 10

Presenter: Evana Jajjo

This workshop is designed to engage participants who want to challenge their own creativity or simply unleash their authorship.

Participants will explore the conventions of creative writing through active involvement in the stages of the Hero's Journey. Throughout the writing workshop, participants complete each round of the Hero's Survival Challenge, they earn badges in groups when passing each journey stage.

The writing portfolio is the quality work each participant produces as they utilise the skills from the activities to delve into their creative writing. As a finale, the closing activity will involve participants who volunteer to share their portfolio with the group.