

# QSITE GOLD COAST PROFESSIONAL LEARNING TERM 2, 2021

## Year 7 – 10 Digital and Design Technologies Integration Teachmeet

This Teachmeet will present you with two stories and invite you to share your own if you wish

**Topic 1:** A Gaming console project that combines Design and Digital Technologies

Presenters: Benjamin Hyde and Steven Tucker

Description: We have been tasked with creating a project for students that are part of an advanced group. They are to use skills from both Design and Technology and Digital Technologies.

As part of a previous project, a gaming console was built, running student developed software.

Learning from that experience, we are developing a course where students design and build a console, then code the game that the console will run.

The project combines laser cutting technology to manufacture the console along with a Raspberry Pi on which the student developed software will run.

The talk will give a walk-through of the software used to design the console for laser cutting, as well as discussing the software options and coding component.

**Topic 2:** Cross curricular teaching experience

Presenters: George Maliwat, Greg Dart and James Polentas

At St Andrews Lutheran College, Gold Coast, Queensland we run a program, wherein teachers 'Team Teach' while integrating the curriculum across two learning areas: Design Technology and Digital Technologies.

The students use various software programs to design, build and program their images using the Arduino software to produce a theatre box. The integrated teaching and learning enable the students and teachers to acquire skills across the different subject areas. We would like to showcase and share our experience with fellow teachers.

**WHEN** Tuesday 18<sup>th</sup> May @ 4:00 to 6:00pm

**WHERE** Room MR 12, Varsity College Secondary Campus, Varsity Lakes, QLD

### WHAT SHOULD I BRING?

Come prepared to connect with other 7 – 10 Technologies teachers or bring an idea of your own to share.

**COST** FREE,

Inquiries and further details, please email QSITE GC Chapter:  
goldcoast@qsite.edu.au



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Date Claimers –

Upcoming PD Events:

## One Day Conference: CreativITy 2021

Griffith University Gold Coast  
Campus

Saturday 19<sup>th</sup> June 2021

Stay tuned for further details

## Capture the Flag Competition

Capture the Flag is a coding environment where students learn to control autonomous bots using the Python language.

The environment has been quickly growing in popularity with sponsors such as IBM and Griffith University supporting the competition and offering their support into the future.

More details to come.



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