

# Practical Steps to STEAM

## For Secondary Teachers

*An Introduction to the Technologies Curriculum*

Presented by Dr Adrian Bertolini

{  
CLWB.org;  
Invent. Learn;  
}



### Melbourne

Friday 2<sup>nd</sup> June  
Friday 18<sup>th</sup> August

### Time

8.30am – 4.00pm  
(Reg. from 8.00am)

### Venue

Milanos Brighton  
4 The Esplanade,  
Brighton, Vic 3186

### Cost: Group Discounts Available

Earlybird: \$286 inc GST  
Normal: \$308 inc GST  
Includes: 6.5hr workshop, morning tea  
and lunch

## Workshop Outline

In the workshop participants will both experience hands-on practical STE(A)M activities and will be taken through a step by step process to plan STE(A)M units using the State's Design and Technology Curriculum.

### Flow of the workshop

#### **The Importance of STE(A)M and Design Thinking**

The day will begin with an introduction to world we are preparing students for. Through videos and discussions teachers will explore and identify the skills, dispositions and knowledge needed to operate successful in a fast changing global landscape. With this background as a springboard, participants will then explore and discuss the importance of STE(A)M, design thinking and the design process, and experience a short hands-on activity where they have to use design thinking to solve a problem.

#### **Experiencing STE(A)M - Secondary**

In this session participants will experience a hands-on STE(A)M challenge. The intention is to highlight importance of collaboration, the iterative nature of the design thinking process and the role of teachers as facilitators. Participants will gain clarity about what elements lead to authentic, engaging STE(A)M activities and what approaches and models work and why.

#### **Planning with Design and Technology Curriculum - Secondary**

This part of the day will be about exploring what you could do differently and simply in your curriculum and what changes you could make to address the Technologies curriculum. It will address the common teacher belief that STEAM is an extra add on and show how to authentically adapt what you are already doing to address the curriculum requirements. Teachers will have an opportunity to plan against the Technologies Curriculum and leave with a raft of ideas of how they can begin to infuse it into the current school curriculum.

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## About Dr Adrian Bertolini



**Adrian** is the Founder & Director of Learning of Intuyu Consulting. With degrees in Computer Science and Mechanical Engineering he has a strong background in not only the theoretical underpinning of STEM and Coding but its practical application. He is one of Australia's foremost thought leaders on practical and real education that empowers and develops resilient, independent learners. He is constantly acknowledged for being an engaging, passionate and knowledgeable speaker, facilitator and coach.

# REGISTRATION FORM

## Practical Steps to STEAM for Secondary Teachers

I/we will be attending: (please tick choice)

Melbourne

Friday 2<sup>nd</sup> June 2017 earlybird ends 05/05/17

Friday 18<sup>th</sup> August 2017 earlybird ends 21/07/17

**Venue:** Milanos Brighton, 4 The Esplanade, Brighton, Vic 3186

**Time:** 8.30am – 4.00pm

**Cost:** Earlybird- \$286.00 inc gst  
Full fee - \$308.00 inc gst

**Discounts:** 5% for groups of 2-4, 10% for groups of 5+, discount will be applied to either earlybird or full fee at time of invoice.

*If participant names cannot be provided at this stage please place TBA in name of attendee, then provide names when confirmed.*

Name of Attendee (CAPITALS please)	Mobile	Email Address

School: \_\_\_\_\_

Address: \_\_\_\_\_

Suburb: \_\_\_\_\_ Postcode: \_\_\_\_\_ Phone: \_\_\_\_\_

PD Co-ordinator: \_\_\_\_\_ Purchase Order No: \_\_\_\_\_

Business Manager/Accounts Email for Invoice: \_\_\_\_\_

**Return completed form via email or mail to Intuyu Consulting:**

**Post:** 21 Charming St, Hampton East Vic 3188

**Email:** [office@intuyuconsulting.com.au](mailto:office@intuyuconsulting.com.au)

**Online registration available**

**Phone:** 0411 270 277

**Website:** [www.intuyuconsulting.com.au](http://www.intuyuconsulting.com.au)

Upon receipt of the registration form you will be **emailed** a confirmation of registration, and a **Tax Invoice** for payment.

### Terms and Conditions

**Payment methods:** Direct Deposit preferred method of payment within 14 days upon issue of invoice.

**Booking Conditions:** By submitting this form you are confirming that you have been given financial approval by the school/organisation to attend the workshop and that you have read and understood the terms and conditions.

**Cancellation fees apply:** If you (the participant) are unable to attend for any reason we ask that you notify us immediately in writing.

If you cancel, withdraw or fail to attend the event within ten (10) business days of the scheduled date, you are liable for the full cost of the fees.

If this has occurred between eleven (11) and thirty (30) business days prior to the event, then a 25% administration charge will apply.

All cancellations must be in writing and emailed to us: [office@intuyuconsulting.com.au](mailto:office@intuyuconsulting.com.au)

**Registration is transferable** to another person from your organisation if the registered person is unable to attend the workshop. Notification via an email to [office@intuyuconsulting.com.au](mailto:office@intuyuconsulting.com.au) is required

**Cancellation of an event** by Intuyu Consulting: In the event of insufficient applications, the programs will not proceed and registration monies will be fully refunded. In the event of the program being cancelled, registration monies only will be refunded as Intuyu Consulting will not accept liability for the payment of any other associated costs.

**Payment of registration:** All registration payments must be made prior to workshop commencement. \*Early Bird rate must be paid by the invoice due date otherwise we reserve the right to re-invoice at the standard rate.