

# Professional



# Making Makers: The Design and Engineering Process (PP-6)

## About the course

Discover new ways to teach innovative thinking with hands-on creation at the core of this engineering workshop. Explaining the power of innovation and creativity to your students can sometimes be a challenge – so why not show them instead?

Learn how Maker Spaces link to the Technologies curriculum and what type of activities truly engage our students in 21st century learning. You will explore the applications of the Maker Movement to STEM education, and learn tips and tricks on how to inspire a 'Maker culture' in your school.

Workshop participants will also get a chance to do some making of their own, from cardboard creations to electronics, and learn how to kick-start the classroom of the future.

## Date

Tuesday 7 July 2020

## Time

9am - 12.30pm

## Cost

Member: Full time: \$150

Member: Part time/relief/student: \$75

Non-member: \$250

Includes morning tea

## Facilitator

Tim Schmitz

Professional Learning Consultant  
SCITECH

## Nominated Audience

Members and non-members PP-6

## Venue

SSTUWA Office  
1 West Street  
West Perth WA 6005  
(08) 9210 6035

## Outcomes

During this course participants will:

Unpack and decode the Technologies learning area of the WA curriculum, including both Design and Technologies and Digital Technologies.

Understand and implement the Engineering Process through hands-on activity.

Explore the meaning behind commonly-referenced terms such as "maker space", "maker movement" and "maker culture".

Connect with lists of resources and ideas for creating a maker space or maker culture in your school, including recommended equipment, suppliers, safety tips and project ideas.

## Teacher Registration Board of WA

Professional Standards for Teachers in WA

AITSL Australian Professional Standards for Teachers

**TRBWA**

Teacher Registration Board  
of Western Australia

## This training relates to:

Standard 2 - Know the content and how to teach it.

Standard 3 - Plan for and implement effective teaching and learning.

Standard 4 - Create and maintain supportive and safe learning environments.

Standard 7 - Engage professionally with colleagues, parents/carers and the community.

**Professional****SSTUWA**  
The State School Teachers' Union of W.A. (Inc.)

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Tuesday 7 July 2020

9am - 12.30pm

Given name: \_\_\_\_\_ Surname: \_\_\_\_\_

Union member  Yes  No Union ID no: \_\_\_\_\_

School/workplace: \_\_\_\_\_

Phone: \_\_\_\_\_ Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

## Payment method

Payment by school  Yes  No **Cheque****Payable to:** The State School Teachers' Union of W.A. (Inc.)**Post to:** PO Box 212, West Perth WA 6872 **Credit card***All information mandatory***Cost** (Please tick) Member: Full time: \$150 Member: Part time/relief/student: \$75 Non-member: \$250

Card no: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Expiry date: \_\_\_\_\_ / \_\_\_\_\_

Cardholder's name: \_\_\_\_\_

Billing address: \_\_\_\_\_

Cardholder's signature: \_\_\_\_\_

## Please note

All courses must be paid for in full prior to attending. A 50 per cent cancellation fee will apply where a person cancels within three working days of the course date. The full course fee will be charged where a person cancels on the day of the course or fails to attend. All courses are run subject to minimum booking numbers. Courses will be confirmed at least two weeks prior to course date.

## Send completed form to

**SSTUWA Education and Training Centre****Email:** [training@sstuwa.org.au](mailto:training@sstuwa.org.au)**Or register online at [sstuwa.org.au](http://sstuwa.org.au)**