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# CSER Digital Technologies

[adelaide.edu.au](http://adelaide.edu.au)

## Join our F-6 Digital Technologies Community

Google+

Find out more

### CSER Digital Technologies Education

About Us

Available MOOCs

Lending Library

Professional Learning

PL-in-a-Box!

Research

Resources

FAQs

Newsletter Subscription

## Digital Technologies Education Programs

We run a range of Digital Technologies Programs for Australian teachers, including our free, online CSER MOOC courses, free professional learning events, and our National Lending Library.

### Available MOOCs



### Lending Library



### Professional Learning



### Resources



### Latest News

More

25  
OCT

Event: Free Assessment webinar by CSER & Digital Technologies Hub!

### Newsletter Subscription

Stay up-to-date by subscribing to our eNewsletter.

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Email

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CSER Adelaide  
Retweeted

**Meridith Ebbs**  
@Meridith

Learn how to implement #DigitalTechnology with @cserAdelaide for NSW teachers events in #CoffsHarbour, #Armidale, #Tenterden and #Newcastle. Federally funded #FREE #openmocs [eventbrite.com.au/meridith-ebb...](http://eventbrite.com.au/meridith-ebb...)



3h

CSER Adelaide  
Retweeted

**RNeary**  
@rneary\_ron

# CSER MOOCs Professional Learning

Foundation - 6

Foundation - 6 Extended



Years 7-8 Next Steps



Years 9-10: Explore



# Course Communities

# 14,535 members!



11,801 members - Public

## F-6 Digital Technologies MOOC

Community page for those registered in the CSER DT MOOC

MANAGE

Search Community



Anne Keyte

2h

Task 6: Algorithms & Programming

### Task 6

Algorithms make a lot more sense when viewed as a sequence of instructions. As a teacher of food technology and textile technology I have always incorporated a similar type of learning activity into my classroom. For example in the making of an envelope cushion cover we have the patterns, the fabric and the thread what do we do now. I find the challenge is to have the student visualise the outcome of their instruction. I also use the deconstruction method of a product and



Add a comment...

+1



Norma Cooper

4h

Task 6: Algorithms & Programming

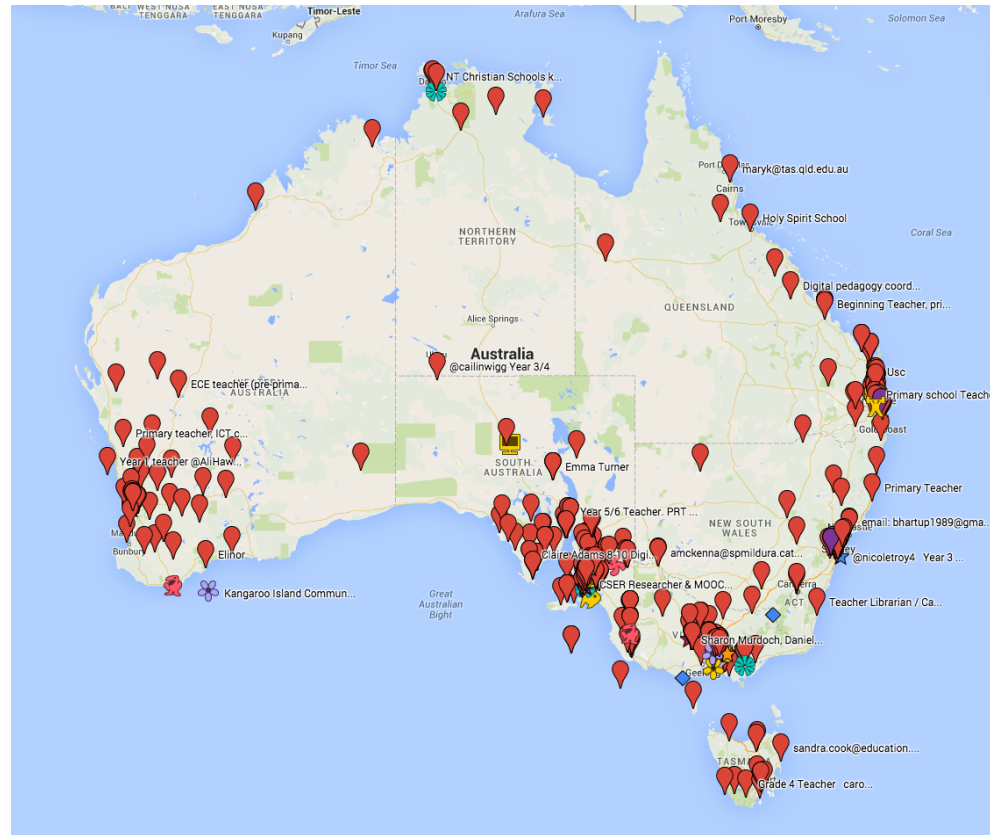
The students in Grade 3 created grids for an activity involving Bee Bots. They were required to firstly, ascertain the distance a Bee Bot could travel forward or backwards in one move and then turn this into a 3 x 3 grid. They then worked with the Kindergarten students on an activity involving subitising cards. Once the Kinder student had come up with the answer to the



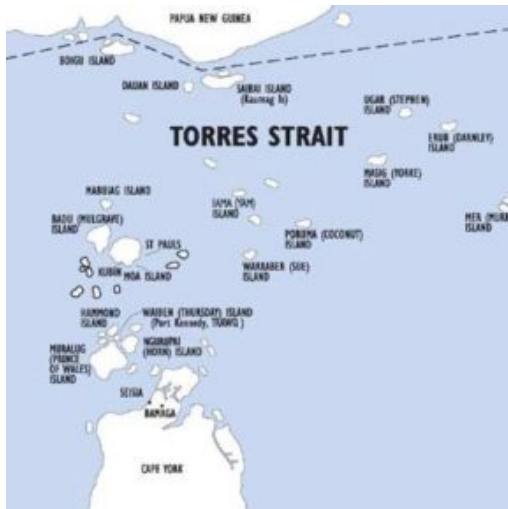
# Face to face support

## Professional Learning:

- Events - 1,000+
- Teachers - 17,000+
- Schools - 5,500+



# Event Highlights



Celia Coffa @ccoffa · Oct 30

Time for some #microbit and breadboarding @cserAdelaide team meeting



What a busy bee!

Today beebot and I visited "The Tip" of Australia.



# PL-in-a-Box

- Assessment pack
- Makerspaces
- Careers with STEM



**QUICK GUIDE**  
Assessment for  
**Digital Technologies**

A Guide developed by the Computer Science Education Research (CSER) Group, The University of Adelaide, in partnership with the Digital Technologies Hub, Education Services Australia (ESA).  
Authors: Rebecca Vivian, Katrina Falkner and Martin Richards

**DIGITAL TECHNOLOGIES HUB**

**CSER**

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# Lending Library

- Beebots
- Sphero
- Makey Makey
- Ozobot
- Lilypad
- Little Bits Arduino
- LittleBits Rule Your Room Kit
- **Bluebots**
- **Dash & Dot**
- **Micro:bits**

New lesson plans!







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