

**FREE
EVENT**

STEM academy

Empowering teaching

Regional Australia Workshops

**CONDOBOLIN
WORKSHOP**
29–30 November 2017

STEM X Regional is a FREE professional learning experience designed for primary and secondary science teachers. The two -day intensive workshop forms part of a suite of programs that include the STEM X Academy, a five-day residential program run in Canberra.

STEM X helps you to acquire the skills and confidence to design, develop and implement your own STEM based teaching resources.

Transform your STEM teaching by

- **connecting** with local teachers
- **collaborating** with STEM researchers
- **developing** curriculum linked activities for your classroom

To register your interest:

Fill out the form on the back of this flyer and email it to either tanya.turner1@det.nsw.edu.au or communications@asta.edu.au

For further information about the STEM X Academy go to <http://asta.edu.au/programs/stemx>



Proudly supported by our regional partner:



CONDOBOLIN WORKSHOP— 29– 30 November 2017

PROGRAM

Delivered by CSIRO

WEDNESDAY 29 NOVEMBER	
8.30	Registration
9.00	Welcome and introduction to CSIRO Who are we? How do we approach the future? We can't predict the future, but we can prepare for it. Find out how CSIRO is addressing future global challenges and opportunities.
9.30	The Hardest Part Science always starts with a question. But how do we know if its the right question? Teachers will explore techniques to help generate and assess questions, which can be used with a variety of stimulus to assist with the development of open ended inquiry in the classroom.
10.30	Meet your STEM Professional Teachers will be divided into small working groups and meet the STEM professional who will be collaborating with them throughout the next two days.
11.00	Morning Tea
11.30	Global problems, local solutions Each group will be given a global problem with a local connection. Teachers, supported by their STEM professional, will follow the inquiry process to identify and explore their scenario.
1.00	Lunch
1.30	Global problems, local solutions (continued) Each group will be given a global problem with a local connection. Teachers, supported by their STEM professional, will follow the inquiry process to identify and explore their scenario.
3.00	Afternoon Tea
3.15	Science presentation Hear from 5 leading STEM professionals about their current work, and career pathway.
3.45	'Where are you up to?' You have been working hard all day - time to share this progress with the other groups in the room.
4.30	Guided tour - Territory Wildlife Park
	Happy Hour/Barbecue Dinner

THURSDAY 30 NOVEMBER	
8.30	Registration
9.00	Welcome back! Teachers will be asked to change lens today when working on their scenarios.
9.30	Back to school What does your school, and your classroom look like? What resources do you have access to? How would you support your students to address a scenario?
11.00	Morning Tea
11.30	Back to school (continued) What does your school, and your classroom look like? What resources do you have access to? How would you support your students to address a scenario?
1.00	Lunch
1.30	Bringing it all together Each group will be asked to present their work from the two days. This is your chance to prepare a presentation to share your journey and see what everyone was up to.
3.00	Afternoon Tea
3.15	Presentations Each group will be asked to present their work from the two days. This is your chance to share your journey and see what everyone was up to.
4.30	Farewell

Regional Australia Workshops

**Expression of Interest to attend the
Condobolin Regional STEM X Academy**

Venue: Condobolin High School

Full Name _____

Name of School _____

School Address _____

Work email _____

Home email _____

Mobile phone number _____

Role at your school _____

Primary or Secondary Teacher _____

Year levels you teach _____

Years of teaching _____

**Are you or your school a current member of the Science Teachers Association of
New South Wales (STANSW)?**

- Yes
 No

Thank you for your interest.

Further details about this workshop including venue and accommodation will be provided to all who expressed interest in November 2017.