

**FREE
PD**
Delivered by
the CSIRO

STEM XTM academy

Empowering teaching

Regional Workshop:

Burnie

30 Sept–1 October

FURTHER INFORMATION:
stemx.edu.au/about/stem-x-regional-workshops/

The STEM X Regional Workshop is a professional learning experience designed for primary and secondary science teachers. The two-day intensive program led by the CSIRO, is attached. This is a free event and includes all catering.

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

Please note, to maximise your experience at this event, all participants are required to attend for the full two days.

To register your interest, please fill out the form on the back of this flyer and email to communications@asta.edu.au by 19 September.



Proudly supported by our regional partner, Science Teachers Association of Tasmania



Burnie Workshop
Hellyer College

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 _____

Dietary Requirements _____

Are you or your school a current member of the Science Teachers Association of Tasmania (STAT)?

Yes

No

Where is your school located?

Capital City

Regional city or town

Rural/remote

Please email this form to communications@asta.edu.au by 19 September.
Further details about this workshop will be provided to all who register soon.



STEM Academy

Regional STEM X Workshop Program

DAY 1 - MONDAY	
8.15	Registration and welcome
9.00	The Hardest Part Science always starts with a question. But how do we know if it's the right question? Teachers will explore techniques to help generate and assess questions, which can be used with a variety of stimuli to assist with the development of open ended inquiry in the classroom.
10.00	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 day.
10.30	Morning Tea
11.00	CSIRO Futures 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.
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.
12.30	Lunch
1.00	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.
2.30	'Where are you up to?' You have been working hard all day - time to share this progress with the other groups in the room, and hear other's thoughts.
3.15	Field Trip - Elphinstone Site Tour All delegates will have the opportunity to visit this global company that manufactures equipment for the mining industry, with return transport provided.
DAY 2 - TUESDAY	
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?
10.30	Morning Tea
10.45	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?
11.45	Bringing it all together Develop a scenario session for your students
12.30	Lunch
1.00	Bringing it all together Develop a scenario session for your students and share this resource with the rest of the cohort.
2.00	Farewell from CSIRO
2.15	STAT Presentation Jenny Dudgeon, President, Science Teachers' Association of Tasmania
3.30	Happy Hour