



REAL WORLD LEARNING & DISCOVERY SCIENCE & TECHNOLOGY CENTRE PRESENT:

STEM DETECTIVES: INTRO TO EARLY YEARS STEM & MAKE YOUR OWN STEM RESOURCES WITH BRONWYN CRON

MONDAY, 19 AUGUST 2019

Time: Introduction Session 9am – 12noon

MYO STEM Resources 1pm – 4pm

Venue: Discovery Science and Technology Centre

7 Railway Place

BENDIGO VIC 3550

Cost: \$95 incl. GST Introduction Session only (incl morning tea)

\$185 incl GST Full day (incl morning tea & light lunch and materials for resources)

Info: info@realworldlearning.com.au

Bookings: <https://www.realworldlearning.com.au/store>

Session outline:

Introduction to Early Years STEM

Discover the **what, why and how** of engaging young children in Science, Technology, Engineering and Maths. Build your skills, knowledge and confidence to provide engaging STEM experiences for children (0-8 years). Identify and interpret STEM in children’s play and discuss the adult role in modelling STEM thinking and language.

Make Your Own STEM Resources

Make your own resources to explore STEM concepts with children from easily accessible and affordable materials. We will make a range of resources you can take with you as prototypes such as solar ovens, bubble makers, marble mazes, decoders, magnifiers and wind tunnels. Make and use these resources with children.

You will have the opportunity to tour the Discovery Science and Technology Centre and find out more about their early childhood programs.



STEM Detectives helps you to identify STEM and supports you in further scaffolding the children’s interest through play and inquiry-based learning.

Learning Outcomes

- Clear understanding of what STEM is
- Understand the importance of STEM in the early years
- Ability to identify STEM Thinking and concepts in children’s play
- Improve confidence in using the language of STEM
- Provide appropriate resources and opportunities to develop STEM thinking and doing
- Be aware of meaningful documentation that meets the NQF and shares learning and development with families

Real World Learning

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