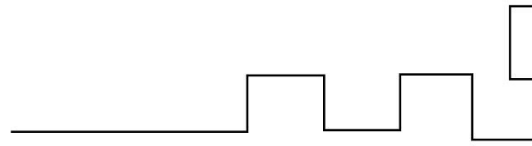


## Incursions and Excursions

### biological sciences



#### Fun with Critters F-2

Bugs come in all shapes and sizes. Take a look at their structure and sort them into insects, arachnids and others. Use magnifying glasses to identify body parts in Perspex bugs. Meet our insect pets.

#### Cycle of Life 3-4

Plants and animals all have a cycle of life. You will discover that many have interesting and clever adaptations.

#### Sensory Science F-4

Some smells are delicious but some are nasty. Check out cool UV glowing balls and get your hands into coloured snow. Its a riot for your senses!

#### Fair Yeast 3-6

What do living things need? Open ended experimenting with one of the smallest living things. You'll grow yeast using constants and variables and getting a handle on the basics of the scientific method.

#### Drink the Waterways F-6

Focusing on your local waterways, we watch the change from a crystal clear stream to a mucky drain. Begin the clean up and discuss the role we play in preventing this from happening.

#### Milk Matters 5-8

Available in Echuca ONLY

Prepare your own cottage cheese from staple ingredients and enjoy tasting your creations. You'll love seeing the transformation! Discuss the process of milk from cow to table.

#### I ate a bug! 5-12

Available in Echuca ONLY

This workshop introduces a discussion on sustainable eating of insects and preparation of a bug snack. Insects are a rich source of protein if we can just get passed the "yuk" factor!

**VISIT**  
**twistED science**

Visit us in the historic Port area of Echuca and plan a full day of science in a secure and engaging environment.

Say "hi" to our amazing bugs, get creative with the many hands on exhibits and become an active participant in science play. Add on a workshop to complete the experience!

We can even help you plan a day's visit to this beautiful region

**2 Radcliffe St, Echuca**

# Education Workshops

be curious, create, connect

## chemical sciences

### Mix and Match F-2

Explore mixtures and make your own observations when you experiment with cool chemical reactions. Learn about indicators and use them to make "magical" changes.

### It's Chemistry 3-4

What are the differences between physical and chemical reactions? Investigate the properties of both. Separate a mixture using chromatography and manufacture some very long chemical strings in one of the coolest chemical reactions.

### Chemical Chaos 5-6

Introducing elements, compounds and the Periodic Table. Experiment with awesome chemical reactions to produce precipitates, gases and temperature changes. See changes of state and production of new substances.

### Method or Madness F-6

Apply the basics of the Scientific Method to create an exploration of water holding polymers. What are variables and constants and why are they important? STEM learning at its best!

## science shows

Explosions, smoke and much more fun or choose our smoke free version! Exciting demonstrations, interactions and creative science learnings. Build the Excitement for Science!

## physical sciences

### Push Me: Pull Me F-4

What makes objects move and how do forces act on an object through direct contact or from a distance to cause movement?

### Flash Bang F-4

A workshop loaded with experiments investigating moving waves of sound and light and how you see and hear them.

### Light Spectacular 5-6

Investigate the mysterious world of light and how it behaves through refraction and reflection. Use mirrors and lenses to explore.

### Sparks and Quarks 5-6

Construct electrical pathways on our multi function boards. With light globes, fans and buzzers circuit design is easy. What types of materials conduct electricity?

### Paddlesteamer Science 3-6 **Available in Echuca ONLY**

Learn a bit more about the workings of a paddle steamer. Make your own paddle boat to sail and discover how the paddle steamers use their whistles.

## technologies

### Introduction to Robotics and Coding F-2

Fun, screen-free activities to introduce children to computational, logical thinking and basic of programming concepts plus meet an Ozobot and begin colour coding.

### Robotics and Coding 3-6

Exploring and understand the Ozobot Evo. Use paper colour codes, line tracking to take control, decipher mazes and make complicated tracks. (Screen-free)

*ask about preschool, secondary  
and adult programs*

## terms and conditions

- Workshops are subject to copyright.
- Please ask permission to use videos or cameras during the presentation. The Presenter has the right to refuse permission.
- All workshops require a supervising teacher (unless otherwise negotiated)
- The Twisted Science Team reserve the right to modify or cancel a workshop without prior notice if they deem it to be unsafe.
- We also reserve the right to remove participants if we deem them to be causing a hazard to themselves, others or causing significant damage to our resources.
- All workshops and prices for travelling incursions are for up to 26 students unless prearranged.
- We require at least a 10 min change over time between identical Workshops and at least 30 min set up for new Workshops

## prices

### Melbourne Metro and Regional Incursions

Workshop 1	\$365 + GST
**Additional workshops	\$310 + GST
Twisted Science Shows	\$520 + GST
Max 100 students	

\*\* please note that Additional Workshops must be identical to the first and at the same venue on the same day to receive the discount  
Travel charges may apply

### Echuca

<b>Playzone ONLY</b>	<b>\$10.90 + GST/head</b>
<b>Workshop</b>	<b>\$15.50 + GST /head</b>

**15% DISCOUNT** Playzone + Workshop  
**\$22.40 + GST/ head**

ABN: 14 149 337 557

*Please ask about  
hands-on livestream  
and post it science prices*