

Primary Science Hands on Re-use, Recycle, Upcycle for K-6 **Primary Teacher Workshop**



Completing **Primary Science Hands on Re-use, Recycle, Upcycle for K-6** will contribute 2 hours and 30 minutes of NESA Registered PD addressing 2.1.2, 3.4.2, 4.4.2, 4.5.2, 6.2.2, 6.3.2, 7.4.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

In this course for K-6 teachers, the presenter will facilitate teachers to develop and use a variety of appropriate resources and activities in their classrooms. Specifically, we use materials that would otherwise be discarded to create working models or other items that illustrate scientific principles. This has the dual effect of assisting the students in the classroom to understand some physics principles while also introducing concepts of resource management such as upcycling and recycling and reuse. The actual activities that will be used are selected on the basis of the way they can engage students in Science and Technology and fulfill the syllabus outcomes for different stages with the added bonus of being good environmental citizens.

We will discuss the practical activities in relation to the syllabus outcomes and risk assessment.

Who would benefit from this workshop?

- K-6 teachers interested in practical science activities that relate to the syllabus outcomes.
- Proficient Teachers who wish to support their professional development through attendance at and participation in professional learning opportunities.

Details of the teacher workshop

Equipment: Most materials provided. We ask teachers to bring empty drink bottles if possible.

Course numbers: Minimum of 20 participants, maximum of 36.

Duration: This workshop will be two and a half hours long.

Where: At your school OR at another venue (to be arranged).

Enrolment: Contact presenter for enrolment procedure for schools or individuals

When: During school hours or after school hours, at a date of your choosing.

Cost: \$70 per person (No GST) if hosted by a school,
or \$80 per person (no GST) if conducted at a venue booked by Scienza Viva.

What is Scienza Viva?

Operated by Dr Effie Howe, Scienza Viva has been bringing hands on science activities to schools in NSW since 2002. We were authorised by the Performances for Schools NSW DET from 2002 until the end of 2009 when the DET discontinued the PfS. Scienza Viva has been the recipient of two Frater Awards.

The Presenter - Effie Howe B.App.Sc, M.Sc, Ph.D. & Grad Dip Ed

Effie has over 20 years experience as a working scientist in universities and CSIRO, and a broad range of experience in field biology and in laboratory investigation. As well as bringing these activities to schools, Effie's teaching experience includes developing and teaching environmental biology and biology courses at TAFE colleges and universities.

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Primary Science Hands on Re-use, Recycle, Upcycle for K-6
Teacher Comments

- Excellent hand out
- Presenters were knowledgeable and engaging
- Practical and uses every day materials. Links to syllabus and outcomes.
- Hands on time allowed for a better understanding of how it will work within the classroom
- One of the best workshops we've had
Kiama PS

- Great activities for boys classes at this school. Great ideas for all stages –even kinder
Sally, Dubbo North PS

- I like the notes linking the activities to specific outcomes. Very hands on. Thank you. I appreciated all your preparation
Kelly O'Reilly, Dubbo North PS

- Gives me confidence to teach these to my class
Kylie Horneman, Chatham PS

- I could see lots of links to syllabus topics. The sessions were well presented and everything was clearly explained
Nicky, Picnic Point PS

- It covers so much cross curricular! What a way to start the term – very enjoyable!. Thank you for a fun workshop. I will use some of these activities this term
Sonia, Picnic Point PS