

Primary Science K-6: Forensic Science Activity

Behind the scenes – Forensic Flying Squad

In this course for K-6 teachers, we will take one of the activities that Scienza Viva currently brings to primary schools - The Forensic Flying Squad, and break it up showing how it can be used to support outcomes in the Science and Technology syllabus. This activity complements inquiry-based practices such as the 5Es approach.

Behind the Scenes is a unique, highly practical professional development opportunity.

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.

This course has interim accreditation from NESA, in accordance with this statement:

Completing *Primary Science K - 6: Forensic Science Activity* before 31 July 2021 under NESA's interim arrangements will contribute three hours of NSW Education Standards Authority (NESA) Accredited PD in the priority area of Delivery and assessment of NSW Curriculum, addressing standard descriptors 2.1.2 and 3.4.2 from the Australian Professional Standards for Teachers towards maintaining **Proficient Teacher** Accreditation in NSW.

Details of the teacher workshop

Equipment: All materials provided.

Course numbers: A minimum of 20 participants is required and is limited to a maximum of 36 teachers.

Duration: This workshop will be three hours long.

Where: It can be conducted at your school OR at another venue (to be arranged).

Enrolment : Contact presenter for enrolment procedure for schools or individuals

When: The workshop can be conducted 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.

Behind the Scenes Forensic Flying Squad Teacher's Workshop

Teachers will use the format of the forensic activity, as undertaken by students as a starting point for this investigative teacher workshop in which:

- Teachers will be given the opportunity to perform all hands on station activities.
- Teachers will look closely at some of the hands on activities presented at the stations and show how they can be adapted to suit children at different stages and other KLAs.
- Risk assessment addressed.

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 have been offering Professional Development activities to NSW teachers since 2009.

The Presenter

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

Effie is a secondary science teacher who also 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.

Contact Details

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Teacher Comments on the Primary Science Hands on Forensic Activity

- The use of so many hands on activities kept everybody interested, engaged and challenged. Effie's presentation was refreshing, engaging and relevant to teacher education and the classroom.
Penny Borbilas, Lansvale PS.
- Allowed for participant input and covered material in an engaging way. Very hands on which made it very interesting. Excellent presentation that provided great ideas to use in the classroom.
Dane Hartshorn, Mount Austin PS.
- Some interesting and practical ways to implement science investigation into syllabus units. Work stations were very engaging.
Michelle Martinez, Blacktown West PS.
- Children would be very engaged doing these activities. A good range of strategies and resources. Risk assessment very good.
Cecily Watson, Holsworthy PS
- Great idea to have student (teacher) directed engagement and exploration. Very Professional and engaging presentation.
Suzanne Ryan, Leeton PS
- Everything was explained very simply and it was easy to understand. Very thought provoking. Science is often neglected, this really makes it seem that it would be easy to do in the classroom.
Lisa Sawras, Lansvale PS