Inspire Young Scientists in the Primary Classroom

Course Brochure

What's it about?

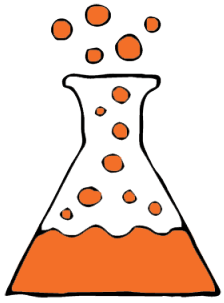
This course will help you and your students share the adventure of learning through science experiments in the primary classroom. You will discover how to develop the scientific literacy of students and inspire their love of learning science.

What will I learn?

- How to involve students in simple science experiments.
- How to develop the scientific literacy of students.
- How science is linked to curriculum outcomes.
- Where to download teaching resources that you can use right away.

What will I need?

- 1 jar with a lid (any size will do)
- Tap water
- Dishwashing liquid
- 1 small bowl
- Ground pepper



How long does it go for?

This course will take you 2 hours to complete.
Enjoy it in one session or spread it out over a few weeks. You will have ongoing access.

How does it work?

This course is on-demand and for private study. Learn at your own pace and at times that suit.

What are the course modules?

1. Introduction	Get started with your online professional development.
2. Science in the Primary Classroom	Read about primary science learning outcomes.
3. Teach Snappy Science	Experience science experiments and how to teach them.
4. Your Teaching	Download teaching resources.
5. Reflection	Reflect on your course learning and next steps.

What are the curriculum links?

Science: Foundation – Year 6, Science Inquiry Skills strand
Cross curriculum priorities: Sustainability
General capabilities: Personal and Social Capability

Is it accredited for PD hours?

This course is mapped to the Australian Professional Standards for Teachers.
It is accredited for professional development hours in:

Graduate Teacher – all states and territories
2.1.1 Demonstrate knowledge and understanding of the concepts, substance and structure of the content and teaching strategies of the teaching area.
3.3.1 Include a range of teaching strategies.
3.4.1 Demonstrate knowledge of a range of resources, including ICT, that engage students in their learning.

Proficient Teacher – all states and territories
2.1.2 Apply knowledge of the content and teaching strategies of the teaching area to develop engaging teaching activities.
3.3.3 Plan and implement well-structured learning and teaching programs or lesson sequences that engage students and promote learning
3.4.2 Select and/or create and use a range of resources, including ICT, to engage students in their learning

Highly Accomplished Teacher – all states and territories except for NSW
2.5.3 Support colleagues to implement effective teaching strategies to improve students' literacy and numeracy achievement
3.3.3 Support colleagues to select and apply effective teaching strategies to develop knowledge, skills, problem solving and Critical and Creative Thinking
3.4.3 Assist colleagues to create, select and use a wide range of resources, including ICT, to engage students in their learning.

Cool Australia is endorsed to provide the NSW Education Standards Authority (NESA) Registered Professional Development for teachers accredited at Proficient Teacher.

This course is accredited by TQI for 2 hours professional development for teachers in the ACT.