

Practical Steps for STEM Inquiry

Presented by Cool Australia



This course will help you understand what STEM is and practical steps to incorporate strategies for STEM inquiry into everyday learning experiences.

Format: 2. Online

Audience: Primary Science, Technologies & Mathematics teachers

Description

This course will help you understand what STEM is and practical steps to incorporate strategies for STEM inquiry into everyday learning experiences. It will provide you with practical examples and activities that can be used in your primary classroom. You'll learn:

- What STEM is and the importance of an integrated teaching approach.
- How to identify concepts of STEM and make connections to everyday learning experiences.
- Strategies for STEM inquiry, including: a) Using real-world problems, issues and ideas. b) Posing questions and challenges. c) Planning STEM experiences. d) Retrying, recreating and reflecting. e) Sharing the success and failures.
- A range of practical activities to incorporate STEM into your teaching.
- Ways to differentiate activities to suit your learning intentions.

Additional notes about this format

Teaching Standards

1.5.2 Proficient Level - Differentiate teaching to meet the specific learning needs of students across the full range of abilities

2.1.2 Proficient Level - Content and teaching strategies of the teaching area

3.3.2 Proficient Level - Use teaching strategies

3.4.2 Proficient Level - Select and use resources

Are you in NSW? If so, this is relevant for you

Completing Practical Steps for STEM Inquiry before 31 July 2021 under NESAs interim arrangements will contribute 2 hours and 0 minutes of NSW Education Standards Authority (NESA) **Accredited PD** in the priority area of Delivery and assessment of NSW curriculum addressing standard descriptors 1.5.2, 2.1.2, 3.3.2, 3.4.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

Occurrences

Start Date	Location	Price
Now	Online	\$59 + GST

Sessions

No session information is available.

About the presenter



Cool Australia

Creator

Cool Australia is an award winning not-for-profit dedicated to supporting educators with tools to foster 'learning for life'. We help integrate topics around sustainability, ethics, economics and wellbeing across the curriculum. This enables teachers of all age groups and disciplines to engage young Aussies in real-life learning whilst achieving Australian Curriculum and Early Years Learning Framework outcomes. Our accredited professional development is designed to build your confidence, understanding and expertise. You will learn through a mixture of practical and thinking activities as well as hearing the stories of others. Plus you will access a range of teaching tools that you can use straight away in your teaching.





Enrol now to secure your spot

Limited spots are available. Please enrol online or fax your enrolment to 1300 667 691 to secure your spot.

Please note, by submitting this enrolment form you are confirming that you have been given financial approval by your employer to attend this course. Cancellation advice should be given in writing 7 days before the commencement of this course.

Product: Practical Steps for STEM Inquiry

Occurrence Date:

Your Name:

Your email address:

Employer name:

Employer phone:

Enrol online at <http://tta.edu.au>