

# DEADLY STEM IN SCHOOLS



## First Scientists strengthening STEM knowledge in the classroom

### THE ISSUE

Aboriginal and Torres Strait Islander people are Australia's first scientists, and their scientific discoveries and innovations go back over 65,000 years. However, according to the Programme for International Student Assessment (PISA)\*, only 29% of Indigenous learners have been meeting the National Standard for scientific literacy since 2006 compared to 58% of non-Indigenous learners.

The PISA 2022 highlights a number of indicators leading to Indigenous learners being left behind such as geographical isolation as well as cultural, economic, language and literacy barriers. STEM in Schools actively encourages Indigenous learners to become interested in STEM and supports closing this gap by addressing issues raised in the PISA 2022.

### OUR SOLUTION

Our STEM in Schools sessions are delivered in classrooms in schools across Australia. The sessions focus on highlighting Indigenous STEM knowledge with a two-way approach to learning and sharing. These workshops are tailored to the interests and year level of the class and are designed to have practical and real-world applications. Sessions are designed to spark an interest in STEM, so they consider further engagement and careers in STEM. Designed and delivered by our deadly team, these sessions are an introduction to thinking about problem solving. All activities during the session allow learners to experiment using a hands-on, minds-on approach, while empowering and inspiring learners through the sharing of STEM knowledge. The STEM in Schools sessions get your learners thinking, inspired and empowered to pursue a future in STEM.

### YOUR SCHOOL

Register your interest for a Deadly STEM in Schools visit by emailing:  
[programs@deadlyscience.org.au](mailto:programs@deadlyscience.org.au)

\*<https://research.acer.edu.au/cgi/viewcontent.cgi?article=1057&context=ozpisa>

Over 440  
learners inspired  
and engaged

Over 22 schools  
provided  
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sessions

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