



Deadly Labs Background

The Deadly Labs program builds on the philosophy of DeadlyScience to preserve the science and technical knowledge of the First Scientists of this land. Deadly Labs empowers young Indigenous learners with culturally appropriate scientific knowledge in the form of a kit. The kits focus around these areas of learning: science, technology, engineering and mathematics (STEM).

This program covers the development, production, and distribution of an at-home or in-class experiment kit for Indigenous learners. The kits are usually created with an Indigenous community and the community Elders. They have autonomy within the project and influence over its direction. Each kit contains where necessary, curriculum aligned experiment lesson plans, learner activity worksheets and an accompanying video. An expert scientist from the relevant discipline supports the development of each kit. The kits celebrate and share Indigenous knowledge where appropriate in order to enhance Indigenous learner engagement with STEM education.

By providing learners with experiment kits, DeadlyScience promotes interest and engagement in STEM during early learning, creating pathways for up-coming scientists, engineers, technologists and mathematicians. The kits are designed for Foundation to Year 10 learners, lower literacy groups, and less resourced communities.

Through the production of Deadly Labs kits, DeadlyScience supports Indigenous learners to know they can choose STEM as their future pathway. STEM is for everyone.

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