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A curriculum design to support students' independent scientific

The Centre for Learning Innovation identified a need for resources designed to support student learning that are activity-based and student-centred; that integrate scientific skills with content in context; and increase scientific literacy.

A pilot project was conducted in 2004 to develop a task-based resource to support students undertaking a science research project in groups or individually.

The resource produced, Backyard survival: An ant investigation, was designed for science students in the middle years and was trialled in a number of schools across NSW before being refined.

The resource design has the potential to benefit both teachers and students. This resource can personalise students' learning and incorporates assessment for learning strategies to inform teaching and learning of knowledge and skills.

Students can use the resource to help them improve literacy skills in scientific writing, use spreadsheets in handling data, better understand their local environment and develop their scientific research skills.

Block: 1

Participant Limit: None