

A contextual approach to science

About this Illustration of Practice

This teacher articulates how he employs a contextual approach to the teaching of science and uses a number of resources outside the school to enrich the students' learning. Scientific method and inquiry are modelled in the primary school and are continued into secondary school. The students are encouraged to deliver presentations of their scientific investigations to large student forums such as school assemblies.



Standards

Standard 2

Know the content and how to teach it

Focus area 2.1

Content and teaching strategies of the teaching area

Highly Accomplished

Descriptor: Support colleagues using current and comprehensive knowledge of content and teaching strategies to develop and implement engaging learning and teaching programs.

Discussion questions

1. What experiences do you offer to students that provide meaningful reinforcement to apply recent learning to new contexts?
2. How do you develop teaching programs based on research about effective practice?

Learning context

Ryan Catholic College was established in 1979 to serve the rapidly developing areas on the outskirts of Townsville and the corridor development of the Upper Ross area. The College was planned as a co-educational institution from its inception for children from Preschool to Year 12. The curriculum in Years 5 to 9 has been designed to expose students to a diverse range of disciplines that will enable them to explore where their talents and interests lie.

School context

Ryan Catholic College

Queensland

Year level: Year 8 Year 9

Related subject: Science

Stage of schooling: K-12

School type: Non Government

School location: Metropolitan

[View school location in Google Maps](#)

Australian Curriculum

Learning area: Science

Year level: Year 9

Content descriptions: [ACSSU175](#)