

EDUC40008 Learning Area: Sci & Technology 3(Adv)

Credit Points:	12.50
Level:	4 (Undergraduate)
Dates & Locations:	2010, Parkville This subject commences in the following study period/s: Semester 2, Parkville - Taught on campus. Parkville, on-campus.
Time Commitment:	Contact Hours: A total of 36 hours, and assigned tasks in a school designated by the Faculty Total Time Commitment: Not available
Prerequisites:	485-355 Learning Area: Sci & Technology 2 (Adv), or approved equivalent studies
Corequisites:	None
Recommended Background Knowledge:	None
Non Allowed Subjects:	None
Core Participation Requirements:	Attendance at all classes (tutorial/seminars/practical classes/lectures/labs) is obligatory. Failure to attend 80% of classes will normally result in failure in the subject.
Coordinator:	Dr Roderick Fawns
Contact:	Education Student Centre
Subject Overview:	Students undertake investigation of curriculum resources available for teaching particular science topics, including written materials, multimedia, computer software and industry and community support services; a case study of the understanding and learning of a selected science concept by children at primary school level; and the design, implementation and evaluation of a science unit or a science project related to the local school community extending over at least six hours in a primary school. The major ideas in the current literature on children's understandings of science concepts and the methods by which they may be probed are introduced.
Objectives:	Information not available
Assessment:	A major report of a case study on an investigation into children's understandings or learning of a selected concept in science (about 1500 words) (30%); a review of related literature on probing children's understanding (about 1500 words) (30%); the production (development, implementation and evaluation) of a science curriculum unit or a science project related to the local school community extending over at least six hours (about 2000 words) (40%).
Prescribed Texts:	Prescribed Texts: Reading guides will be provided at the beginning of the course of study. Curriculum and Standards Framework II: Science (Board of Studies), 2000 Science: A Curriculum Profile for Australian Schools (Australian Education Council), Curriculum Corporation, 1994 Teaching Primary Science (J Faire & M Cosgrove), University of Waikato, 1988 Making Sense of Our World: An Interactive Teaching Approach (F Biddulph & R Osborne (eds)), University of Waikato, 1984
Breadth Options:	This subject is not available as a breadth subject.
Fees Information:	Subject EFTSL, Level, Discipline & Census Date, http://enrolment.unimelb.edu.au/fees
Generic Skills:	Information Not Available
Notes:	Special requirement: Participation in weekly seminars, including short presentations on contract work in educational settings as arranged.

Related Course(s):	Bachelor of Education (Primary)