

485-455 Learning Area: Sci & Technology 3(Adv)

Credit Points:	12.50
Level:	4 (Undergraduate)
Dates & Locations:	2009, This subject commences in the following study period/s: Semester 2, - 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:	<p><p>For the purposes of considering request for Reasonable Adjustments under the Disability Standards for Education (Cwth 2005), and Student Support and Engagement Policy, academic requirements for this subject are articulated in the Subject Overview, Learning Outcomes, Assessment and Generic Skills sections of this entry.</p> <p>It is University policy to take all reasonable steps to minimise the impact of disability upon academic study, and reasonable adjustments will be made to enhance a student's participation in the University's programs. Students who feel their disability may impact on meeting the requirements of this subject are encouraged to discuss this matter with a Faculty Student Adviser and Student Equity and Disability Support: http://services.unimelb.edu.au/disability</p></p>
Coordinator:	Dr Roderick Alan Fawns
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)