

Engaging the Science Profession with ICT

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Project Title	Engaging the Science Profession with ICT: SiMERR Workshops 2006
Project Team	Australian Science Teachers' Association, Science Teachers' Association of NSW, South Australian Science Teachers' Association, Science Teachers' Association of Queensland, and SiMERR National Centre; Paul Carnemolla, Niels Hider, Peter Turnbull, Mike Roach, Mark Divito, Rosemary Hafner, Anna Davis, Mary Rowland, Nick Johnstone, Debra Panizzon
Period	2006 - 2007
Funding Agency	SiMERR National Centre
Organisational Base	SiMERR National Centre

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Purpose

This project will deliver workshops to teachers in selected regional centres of Australia that will focus on the effective use of ICT in science to develop confidence and competence in science teachers and their students.

The project provides value to ASTA through the provision of professional development that enriches science teaching and supports the profession.

This project provides value to SiMERR through working with rural and regional communities to achieve improved educational outcomes for all students in the areas of Science, ICT and Mathematics.

Aims

This project has two aims for 2006:

1. To deliver a series of workshops to teachers of science and mathematics in regional centres in New South Wales, Queensland and South Australia improving their capacity to effectively use online resources in the development of scientific literacy skills in their students; and to support teaching, learning and assessment.
2. To establish collaborative support networks of teachers in regional centres in New South Wales, Queensland and South Australia through shared professional development experiences offered by state and territory based Science Teachers Associations.

Focus

The workshops will make extensive use of learning objects provided by The Le@rning Federation. ASTA has secured an exclusive license agreement that permits use by members of the eight state and territory Science Teachers Associations to the end of December 2008.

Permission from Intellectual Property owners may need to be sought for the use of resources such as Biotechnology Online. These will be clearly described to workshop participants and detailed in follow-up reports.

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