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DERN Newsletter Issue 43, 25 November 2014

TABLE OF CONTENTS

- [Farewell to DERN founder](#)
- [Preparing for life in a digital age - the IEA International Computer and Information Literacy Study](#)
- [Leveraging technology in education](#)
- [An interactive digital platform for preservice secondary English teachers' reading](#)
- [Supporting learning with weblogs in science education](#)
- [Where is the evidence? Realising the value of grey literature for public policy & practice](#)

IN OTHER NEWS

In the Media

[Kids maturing faster due to the internet: study](#)

[Using games to teach kids the value of nature and philanthropy](#)

[Australian students prepare for digital future](#)

[Ed Tech leaders](#)

Farewell to DERN founder



Image: Dr Gerald White

Dr Gerald White, an outstanding and visionary educational leader and researcher, recently announced his retirement. Since 2008, Dr White has worked for the Australian Council for Educational Research (ACER) where amongst other research work he established the Digital Education and Research Network (DERN). We thank Dr White for his commitment and professional contribution to ACER over the past six years and wish him the very best in his retirement. DERN services will continue to be published by the DERN Team.

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Preparing for life in a digital age - the IEA International Computer and Information Literacy Study



Image: Report cover

This study sheds some light on students' knowledge and abilities in the key areas of information and technology literacy. It explores the relationship of Computer and Information Literacy (CIL) as a learning outcome to student characteristics and school contexts, and illustrates the national contexts in which CIL education takes place in the participating countries in order to aid understanding of variations in CIL.

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Leveraging technology in education

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[Net neutrality: the internet balancing act](#)

[Australian girls beat boys in computer literacy study](#)

[Why learning innovation can't come from teachers alone](#)

[New online library aims to 'equalise' science education](#)

[Study reveals how Twitter grabs your attention](#)

[Privacy concerns for ClassDojo and other tracking Apps for schoolchildren](#)

[7 ways to deal with digital distractions in the classroom](#)

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[3rd Global Summit on Education](#)
3 – 10 March 2014
Kuala Lumpur, Malaysia

[23rd Annual International Conference on Childhood Education](#)
15 -19 March 2015
Oxford, England

[Creative Innovation 2015](#)
23 - 25 March 2015
Melbourne, Australia

[8th Annual Emerging Technologies for Online Learning](#)
22 - 24 April 2015
Dallas, USA

[Asian Conference on Technology in the Classroom](#)



Image: Report cover

This paper provides a background on the current technology landscape of K-12 education, a discussion on the benefits of Educational Technology (EdTech) and an assessment of the current state of technology deployment in classrooms. A discussion is also included on the challenges of EdTech implementation and recommendations on mitigating strategies, including a phase wise migration of current state to new generation technologies.

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An interactive digital platform for preservice secondary English teachers' reading



Image: ascilite

Preservice teachers of secondary English need sustained and confident experiences of the pedagogical affordances of information and communication technologies, to overcome the constraints perceived by their secondary teaching colleagues. This paper reports on data collected, via a questionnaire, from preservice teachers.

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Supporting learning with weblogs in science education



Image: Journal cover

The goal of this study was to compare how weblogs and traditional hand-written reflective learning protocols compare regarding the use of cognitive and metacognitive strategies for knowledge acquisition as well as learning gains in secondary school students.

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Where is the evidence? Realising the value of grey literature for public policy & practice



Image: Report cover

This paper discusses the ways in which the internet has profoundly changed how we produce, use and collect research and information for public policy and practice, particularly focusing on the benefits and challenges presented by grey literature.

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30 April – 3 May, 2015
Osaka Prefecture, Japan.

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