

Garry Falloon
Professor
Macquarie School of Education
Email: garry.falloon@mq.edu.au
Phone: 0298501805



Qualifications

1 Jan 2018 HDR Supervision Orientation 2018-2020, HDR30
1 Nov 2017 HDR Supervision-Orientation & Registration, HDR01

Employment

Honorary Professor
Professor
Macquarie School of Education
Macquarie University
1 Mar 2023 → present

Research outputs

A self-determination theory approach to teacher digital competence development

Chiu, T. K. F., Falloon, G., Song, Y., Wong, V. W. L., Zhao, L. & Ismailov, M., Jun 2024, In: Computers and Education. 214, p. 1-14 14 p., 105017.

Investigating pedagogical, technological and school factors underpinning effective 'critical thinking curricula' in K-6 education

Falloon, G., Mar 2024, In: Thinking Skills and Creativity. 51, p. 1-16 16 p., 101447.

An exploration of online technoliteracy capability teaching and learning in early years classrooms

Falloon, G., Jan 2024, In: Education and Information Technologies. 29, 1, p. 625-654 30 p.

The search for computer science concepts in coding animated narratives: tensions and opportunities

Woo, K. & Falloon, G., Dec 2023, In: Journal of Educational Computing Research. 61, 7, p. 1335-1358 24 p.

Using learning analytics to understand K-12 learner behaviour in online video based learning

Vale, E. & Falloon, G., 24 Sept 2023, (Accepted/In press) In: Online Learning Journal.

Educational leaders' perceptions of STEM education revealed by their drawings and texts

Hataru, V., Falloon, G., Seen, A., Fraser, S., Powling, M. & Beswick, K., 14 Sept 2023, In: International Journal of Mathematical Education in Science and Technology. 54, 8, p. 1437-1457 21 p.

An exploration of online technoliteracy capability teaching and learning in early years classrooms

Falloon, G., 9 Jun 2023, (Submitted) (Research Square).

Understanding the translingual practices among international students in multilingual cities

Yin, Y., Chik, A. & Falloon, G., Mar 2023, In: Australian Review of Applied Linguistics. 46, 1, p. 54-75 22 p.

Twelve years of iPads and apps in schools: what conditions support effective practices in K-6 classrooms?

Falloon, G., 24 Feb 2023, In: Frontiers in Education. 8, p. 1-12 12 p., 1122522.

An analysis of the nature of young students' STEM learning in 3D technology-enhanced makerspaces

Forbes, A. (ed.), Falloon, G., Stevenson, M., Hatzigianni, M. & Bower, M., 2023, (Accepted/In press) *Developing culturally and developmentally appropriate early STEM learning experiences*. Li, P. H., Forbes, A. & Yang, W. (eds.). Routledge, Taylor and Francis Group

Coding across the curriculum: challenges for non-specialist teachers

Woo, K. & Falloon, G., 2023, *Teaching coding in K-12 schools: research and application*. Keane, T. & Fluck, A. E. (eds.). Singapore: Springer, Springer Nature, p. 245-261 17 p.

Problem solved, but how? an exploratory study into students' problem solving processes in creative coding tasks

Woo, K. & Falloon, G., Dec 2022, In: *Thinking Skills and Creativity*. 46, p. 1-16 16 p., 101193.

What is the nature of STEM learning in junior school Makerspaces? a cross-case analysis

Falloon, G. & Forbes, A., 18 Nov 2022, *STEM 2022: STEM Futures: Expanding our horizons: Proceedings of the 7th International STEM in Education Conference*. The University of Sydney, 2 p.

Shaping science, technology, engineering and mathematics curriculum in Australian schools: an ecological systems analysis

Falloon, G., Powling, M., Fraser, S. & Hatisaru, V., 1 Aug 2022, In: *Australian Journal of Education*. 66, 2, p. 171-195 25 p.

Principal leadership and proximal processes in creating STEM ecosystems: an Australian case study

Falloon, G., Stevenson, M., Hatisaru, V., Hurrell, D. & Boden, M., 6 Jul 2022, (E-pub ahead of print) In: *Leadership and Policy in Schools*. 23 p.

STEM in the making? investigating STEM learning in junior school makerspaces

Falloon, G., Forbes, A., Stevenson, M., Bower, M. & Hatzigianni, M., Apr 2022, In: *Research in Science Education*. 52, 2, p. 511-537 27 p.

The influence of grouping on young students' learning while coding: an analysis of talk in different pair arrangements

Falloon, G., 2022, *STEM, robotics, mobile apps in early childhood and primary education: technology to promote teaching and learning*. Papadakis, S. & Kalogiannakis, M. (eds.). New York: Springer, Springer Nature, p. 321-366 46 p. (Lecture Notes in Educational Technology).

Building STEM in schools: an Australian cross-case analysis

Falloon, G., Stevenson, M., Beswick, K., Fraser, S. & Geiger, V., Oct 2021, In: *Educational Technology and Society*. 24, 4, p. 110-122 13 p.

Young children's design thinking skills in makerspaces

Hatzigianni, M., Stevenson, M., Falloon, G., Bower, M. & Forbes, A., Mar 2021, In: *International Journal of Child-Computer Interaction*. 27, p. 1-11 11 p., 100216.

An analysis of the nature of young students' STEM learning in 3D technology-enhanced makerspaces

Forbes, A., Falloon, G., Stevenson, M., Hatzigianni, M. & Bower, M., Jan 2021, In: *Early Education and Development*. 32, 1, p. 172-187 16 p.

Enacting a vision: one school's transition to becoming an ILE

Falloon, G., 2021, *Pedagogy and partnerships in innovative learning environments: case studies from New Zealand contexts*. Wright, N. & Khoo, E. (eds.). Singapore: Springer Nature, p. 245-272 28 p.

Enacting the vision: one school's transition to becoming an ILE

Falloon, G., 2021, *Pedagogy and partnerships in innovative learning environments: case studies from New Zealand contexts*. Wright, N. & Khoo, E. (eds.). Singapore: Springer, Springer Nature, p. 245-272 28 p.

From digital literacy to digital competence: the teacher digital competency (TDC) framework

Falloon, G., Oct 2020, In: *Educational Technology Research and Development*. 68, 5, p. 2449-2472 31 p.

Understanding K-12 STEM education: a framework for developing STEM literacy

Falloon, G., Hatzigianni, M., Bower, M., Forbes, A. & Stevenson, M., Jun 2020, In: Journal of Science Education and Technology. 29, 3, p. 369–385 17 p.

From simulations to real: investigating young students' learning and transfer from simulations to real tasks

Falloon, G., May 2020, In: British Journal of Educational Technology. 51, 3, p. 778-797 20 p.

Children's views on making and designing

Hatzigianni, M., Stevenson, M., Bower, M., Falloon, G. & Forbes, A., 2020, In: European Early Childhood Education Research Journal. 28, 2, p. 286-300 15 p.

Makerspaces pedagogy: supports and constraints during 3D design and 3D printing activities in primary schools

Bower, M., Stevenson, M., Forbes, A., Falloon, G. & Hatzigianni, M., 2020, In: Educational Media International. 57, 1, p. 1-28 28 p.

New Zealand's ICT-in-education development (1990-2018)

Falloon, G., 2020, *ICT in education and implications for the Belt and Road Initiative*. Looi, C-K., Zhang, H., Gao, Y. & Wu, L. (eds.). Singapore: Springer, Springer Nature, p. 133-148 16 p. (Lecture Notes in Educational Technology).

The problem of perception: challenging students' views of science and scientists through school-scientist partnerships

Falloon, G., 2020, *Science teaching and learning: practices, implementation and challenges*. Hendricks, P. J. (ed.). New York: Nova Science Publishers, p. 67-109 43 p.

Using animated simulations to support young students' science learning

Falloon, G., 2020, *Learning from animations in science education: innovating in semiotic and educational research*. Unsworth, L. (ed.). Cham, Switzerland: Springer, Springer Nature, p. 103-130 28 p. (Innovations in Science Education and Technology; vol. 25).

Using simulations to teach young students science concepts: an Experiential Learning theoretical analysis

Falloon, G., Jul 2019, In: Computers and Education. 135, p. 138-159 22 p.

By design: professional learning ecologies to develop primary school teachers' makerspaces pedagogical capabilities

Stevenson, M., Bower, M., Falloon, G., Forbes, G. & Hatzigianni, M., May 2019, In: British Journal of Educational Technology. 50, 3, p. 1260-1274 15 p.

What are languages worth? Community languages for the future of New South Wales

Chik, H. H. A., Benson, P., Forrest, J. & Falloon, G., Apr 2019, Sydney: Macquarie University Multilingualism Research Group and NSW Federation of Community Language Schools. 37 p.

Introduction

Kucirkova, N., Rowsell, J. & Falloon, G., 2019, *The Routledge international handbook of learning with technology in early childhood*. Kucirkova, N., Rowsell, J. & Falloon, G. (eds.). Abingdon, Oxon ; New York, NY: Routledge, Taylor and Francis Group, p. 3-17 15 p.

The pros and cons of using display capture technology for data collection with young children

Falloon, G., 2019, *The Routledge international handbook of learning with technology in early childhood*. Kucirkova, N., Rowsell, J. & Falloon, G. (eds.). Abingdon, Oxon ; New York, NY: Routledge, Taylor and Francis Group, p. 30-46 16 p. (International Handbook).

The Routledge international handbook of learning with technology in early childhood

Kucirkova, N., Rowsell, J. & Falloon, G., 2019, Abingdon, Oxon ; New York, NY: Routledge, Taylor and Francis Group. 416 p.

High impact learning and teaching using 3D design and 3D printing in primary school makerspaces

Bower, M., Stevenson, M., Falloon, G., Forbes, A. & Hatzigianni, M., 3 Oct 2018, *Australian Council for Computers in Education 2018 Conference Proceedings*. Bourne, D. & Cameron, L. (eds.). Gordon, NSW: ICT Educators NSW, p. 75-88 14 p.

From digital literacy to digital competence: towards an inclusive framework for initial teacher education

Falloon, G., 2 Oct 2018, (Submitted) In: *Journal of Teacher Education*. 25 p.

Makerspaces in primary school settings: advancing 21st century and STEM capabilities using 3D design and printing

Bower, M., Stevenson, M., Falloon, G., Forbes, A. & Hatzigianni, M., Sept 2018, Sydney: Macquarie University. 279 p.

iPad Apps and Visual Methodologies: empirical and ethical issues in achieving authentic data

Kucirkova, N. & Falloon, G., 19 Jun 2018, In: *Research in Learning Technology*. 26, p. 1-16 16 p., 2029.

Seven years of research: what we've learned about young children and mobile devices in schools

Falloon, G., 16 Apr 2018. 4 p.

Researching students across spaces and places: capturing digital data 'on the go'

Falloon, G., 2018, In: *International Journal of Research and Method in Education*. 41, 1, p. 53-68 16 p.

Mobile devices and apps as scaffolds to science learning in the primary classroom

Falloon, G., Dec 2017, In: *Journal of Science Education and Technology*. 26, 6, p. 613-628 16 p.

Three Strategies to help students navigate dodgy online content

Wilson, K. & Falloon, G., 17 Oct 2017, *The Conversation*.

Teacher transition between year levels: an argument for professional learning

Carlyon, T. & Falloon, G., 30 Sept 2017, In: *Set : research information for teachers*. 2017, 2, p. 23-28 6 p.

Using qualitative data analysis tools 'fit for purpose' for making sense of teacher educators' use of digital technologies in their pedagogical practices

Adam, A. & Falloon, G., Jun 2017, In: *The Maldives National Journal of Research*. 5, 1, p. 63-78 15 p.

Exploring student thinking, problem solving and collaboration in iPad-supported learning environments

Falloon, G., Apr 2017, Wellington, New Zealand: Teaching and Learning Research Initiative (TLRI). 22 p.

Apps, technology and younger learners: international evidence for teaching

Kucirkova, N. & Falloon, G., 2017, Milton Park: Routledge, Taylor and Francis Group. 305 p.

iPads, apps and student thinking skill development

Falloon, G., 2017, *Apps, technology and younger learners: international evidence for teaching*. Kucirkova, N. & Falloon, G. (eds.). Milton Park: Routledge, Taylor and Francis Group, p. 235-251 17 p.

Using apps as digital scaffolds for science learning in the primary school

Falloon, G., 2017, *Conference proceedings: new perspectives in science education 2017*. P. (ed.). 6th ed. Padova, Italy: LibreriaUniversitaria, p. 254-259 6 p.

An analysis of young students' thinking when completing basic coding tasks using Scratch Jnr. on the iPad

Falloon, G., Dec 2016, In: *Journal of Computer Assisted Learning*. 32, 6, p. 576-593 18 p.

Planning and implementing coding in the junior classroom for competency and thinking-skill development
Falloon, G., Hale, P. & Fenemor, T., Oct 2016, In: Set : research information for teachers. 2016, 1, p. 8-16 9 p.

Developing students' thinking skills through coding in the primary school
Falloon, G., 2016.

iPad mediated talk in young children's learning and exploration of interests
Khoo, E., Falloon, G. & Nguyen, N. H., 2016, *There and back again : charting flexible pathways in open, mobile and distance education: DEANZ2016: conference proceedings*. Wright, N. (ed.). Wellington: Distance Education Association of New Zealand, p. 163-167

What's the difference? Learning collaboratively using iPads in conventional classrooms
Falloon, G., May 2015, In: Computers and Education. 84, p. 62-77 16 p.

Building computational thinking through programming in K-6 education: a New Zealand experience
Falloon, G., 2015, *EDULEARN15 proceedings*. Chova, L. G., Martinez, A. L. & Torres, I. C. (eds.). Barcelona: International Association of Technology, Education and Development (IATED), p. 882-892 11 p. (EDULEARN Proceedings).

Digital learning objects and the development of students' thinking skills
Falloon, G., 2015, *Digital smarts: enhancing learning and teaching*. Wright, N. & Forbes, D. (eds.). Hamilton, New Zealand: Wilf Malcolm Institute of Educational Research, p. 41-65 25 p.

The Science-for-Life partnerships: does size really matter, and can ICT help?
Falloon, G., 2015, In: Waikato Journal of Education. 20, Special issue, p. 207-220 14 p.

Exploring young students' talk in iPad-supported collaborative learning environments
Falloon, G. & Khoo, E., Aug 2014, In: Computers and Education. 77, p. 13-28 16 p.

What's going on behind the screens? researching young students' learning pathways using iPads
Falloon, G., Aug 2014, In: Journal of Computer Assisted Learning. 30, 4, p. 318-336 19 p.

iPads in the primary school: emerging findings from research
Falloon, G., 2014, *Conference Proceedings of the Australian Computers in Education Conference 2014: Now IT's personal*. Sweeney, T. & Urban, S. (eds.). Lesmurdie WA: Australian Council for Computers in Education (ACCE), p. 123-136 14 p.

Remember your swipy finger? understanding iPad mediated talk in young children's learning and exploration
Khoo, E. & Falloon, G., 2014, *Joint AARE-NZARE 2014 Conference*. Baguley, M. (ed.). Brisbane: Australian Association for Research in Education, (AARE Conference Proceedings).

e-Science partnerships: towards a sustainable framework for school-scientist engagement
Falloon, G., Aug 2013, In: Journal of Science Education and Technology. 22, 4, p. 393-401 9 p.

Creating content: building literacy skills in year 1 students using open format apps
Falloon, G., 2013, In: Computers in New Zealand Schools: Learning, teaching and technology. 25, 1-3, p. 77-95 19 p.

Developing school-scientist partnerships: lessons for scientists from Forests-of-Life
Falloon, G. & Trewern, A., 2013, In: Journal of Science Education and Technology. 22, 1, p. 11-24 14 p.

Forging school - scientist partnerships: a case of easier said than done?
Falloon, G., 2013, In: Journal of Science Education and Technology. 22, 6, p. 858-876 19 p.

Young students using iPads: app design and content influences on their learning pathways
Falloon, G., 2013, In: Computers and Education. 68, p. 505-521 17 p.

Science in the New Zealand Curriculum e-in-science

Bunting, C., MacIntyre, B., Falloon, G., Cosslett, G. & Forret, M., 1 Dec 2012, Wellington: New Zealand Council for Educational Research. 60 p.

An exploratory study on the use of digital tablet technologies in the junior school

Falloon, G. & Fenemor, T., 2012.

Challenges to establishing school-scientist partnerships in the 21st century: case studies from New Zealand

Falloon, G., 2012, *Conference Proceedings : International Conference: Innovative Research in a Changing and Challenging World*. Fan, S., Le, T., Le, Q. & Yue, Y. (eds.). Tasmania, Australia: Australian Multicultural Interaction Institute, p. 135-149 15 p.

Inside the virtual classroom: Student perspectives on affordances and limitations

Falloon, G., 2012, In: Journal of open, flexible and distance learning. 16, 1, p. 108-126 19 p.

Key competency development and students' use of digital learning objects

Falloon, G., 2012, In: Computers in New Zealand Schools: Learning, teaching and technology. 24, 2, p. 156-172 17 p.

'm-Apping' in the junior primary school: better designs through productive partnerships

Falloon, G., 2012.

Using videoconferencing in a school-scientist partnership: students' perceptions and scientists' challenges

Falloon, G., 2012, In: Research in Learning Technology. 20, 3, p. 1-18 18 p., 17194.

Adoption of innovative e-learning support for teaching: a multiple case study at the University of Waikato

Johnson, E. M., Cowie, B., De Lange, W., Falloon, G., Hight, C. & Khoo, E., 2011, In: Australasian Journal of Educational Technology. 27, 3, p. 499-513 15 p.

Developing social presence in the virtual classroom

Falloon, G., 2011, DEQuarterly, 8, p. 9-10 2 p.

Exploring the virtual classroom: what students need to know (and teachers should consider)

Falloon, G., 2011, In: Journal of online learning and teaching. 7, 4, p. 439-451 13 p.

He ara hou ka tū mai: NZ institutions of higher learning unpacking demands and facilitating change

Hearns, M., Diener, S., Honey, M., Cokeram, J., Parsons, D., Champion, E., Schott, G., Falloon, G., Thompson, D., Bell, T., Grimley, M., Green, R., Cochrane, T., Davis, N., Morrow, D., Corder, D., U-Mackey, A., Clear, T., Philpott, A., Davies, R., & 3 othersLoke, S. K., Atkins, C. & Gregory, S., 2011, *Ascilite 2011 : changing demands, changing directions: Wrest Point, Hobart, Tasmania, Australia, 4-7 December 2011 : proceedings*. Williams, G., Statham, P., Brown, N. & Cleland, B. (eds.). Hobart, Tasmania: ASCILITE, p. 571-579 9 p.

Making the connection: Moore's theory of transactional distance and its relevance to the use of a virtual classroom in postgraduate online teacher education

Falloon, G., 2011, In: Journal of Research on Technology in Education. 43, 3, p. 187-209 23 p.

Student engagement with technology: so, what's it got to do with learning?

Falloon, G., 2011, *Technologies for enhancing pedagogy, engagement and empowerment in education: creating learning-friendly environments*. Lê, T. & Lê, Q. (eds.). Hershey: IGI Global Publishing, p. 231-245 15 p.

Science-for-Life programme description document: CRI-school partnership programme guide
Dunningham, A. & Falloon, G., Dec 2010, Rotorua, New Zealand: Scion. 27 p.

Science-for-Life : programme description document: fulfilling potential
Dunningham, A., Falloon, G. & Barnard, T., Oct 2010, Rotorua, New Zealand: Scion. 54 p.

A study of a Crown Research Institute school interaction: the Newstead experience
Falloon, G., Helen, Dunningham, A., Bergen, D. & Palmer, D., 2010, Rotorua, New Zealand: Scion. 23 p.

Deliberate acts of virtual communication: cellphones as a tool to enhance student learning and engagement
Pohio, K. & Falloon, G., 2010, In: Set : research information for teachers. 2010, 3, p. 2-9 8 p.

Establishing a school-scientist partnership in the primary school: Findings from the Lynmore SSP: SCION Technical report #48294
Falloon, G., 2010, Rotorua, New Zealand: Scion. 15 p.

Innovations online: cross-discipline studies of new approaches to eLearning
Johnson, E. M., de Lange, W., Cowie, B., Falloon, G., Strang, P., Westberry, N. & Hight, C., 2010. 1 p.

International partnerships in science-education: potential for Chilean-New Zealand interactions
Falloon, G. & Barnard, T., 2010, Rotorua, New Zealand: Scion. 7 p.

Learning objects and the development of students' key competencies: a New Zealand school experience
Falloon, G., Janson, A. & Janson, R., 2010, In: Australasian Journal of Educational Technology. 26, 5, p. 626-642 17 p.

Looking to the future: M-learning with the iPad
Melhuish, K. & Falloon, G., 2010, In: Computers in New Zealand Schools: Learning, teaching and technology. 22, 3, p. 1-16 16 p.

Pursuing possibilities through digital opportunities
Falloon, G., 2010, *eLearnings: implementing a national strategy for ICT in education, 1998-2010*. Ham, V. & Wenmoth, D. (eds.). Christchurch: CORE Education, p. 107-115 9 p.

Using avatars and virtual environments in learning: what do they have to offer?
Falloon, G., 2010, In: British Journal of Educational Technology. 41, 1, p. 108-122 15 p.

Digital learning objects: a need for educational leadership
Falloon, G., Janson, R. & Janson, A., 2009, In: Agora. 44, 3, p. 48-53 6 p.

Key issues in science education: a literature review
Falloon, G., 2009, Rotorua, New Zealand: Scion. 60 p.

Digital learning objects: towards an understanding of their value in supporting key competencies within the New Zealand Curriculum framework.
Falloon, G., Janson, A. & Janson, R., 2008, *ACT on IcT: Proceedings of the Australian Computers in Education Conference 2008 (ACEC'08)*. Canberra: Australian Council for Computers in Education (ACCE), p. 77-90 14 p.

Towards effective business-education partnerships in ICT: The Partners in Learning (N.Z.) Innovative Teacher Scholarships Project
Falloon, G. & Janson, A., 2008, In: Computers in New Zealand Schools: Learning, teaching and technology. 20, 1, p. 36-44 8 p.

Microsoft New Zealand's partners in learning: Impact Study. Project MiLO2
Falloon, G., Janson, R. & Janson, A., Apr 2007, Auckland: Microsoft New Zealand. 53 p.

An evaluation/impact study of the second phase of the Microsoft digital learning object project
Falloon, G., Janson, R. & Janson, A., Feb 2007, Microsoft New Zealand. 47 p.

The Microsoft innovative teacher scholarship project: Cycle two evaluation research
Falloon, G., Dec 2006, Auckland: Microsoft New Zealand. 74 p.

MInTS cycle two: participant profile report
Falloon, G., 3 Aug 2006, Microsoft New Zealand. 39 p.

An evaluation of the Microsoft Innovative Teacher Scholarship Project: Cycle 1
Falloon, G., 30 Jun 2006, Microsoft New Zealand. 75 p.

An evaluation of the first phase of the Microsoft digital learning object project
Falloon, G., May 2006, Auckland: Microsoft New Zealand. 60 p.

An evaluation of the Microsoft partners in learning (PiL) New Zealand initiative: Project baseline report
Falloon, G., 16 Feb 2006, Auckland: Microsoft New Zealand. 86 p.

"Learning digitally" - E-classrooms: computers looking for a problem to solve?
Falloon, G., 2006, *Contemporary approaches to research on learning environments: worldviews*. Fisher, D. L. & Khine, M. S. (eds.). Singapore: WORLD SCIENTIFIC PUBL CO PTE LTD, p. 337-368 32 p.

Towards effective business-education partnerships in ICT: The Partners in Learning (N.Z.) Innovative Teacher Scholarship Project (Project MInTS).
Falloon, G., 2006, *Proceedings of the 3rd International Conference on Educational Technology*. Singapore: ICET Singapore, p. 1-12

What works and what doesn't with Digital Learning Objects (DLOs): The Microsoft Partners in Learning (N.Z.) - Project MiLO.
Falloon, G., 2006, *Proceedings of the 3rd International Conference on Educational Technology*. Singapore: ICET Singapore, p. 32-48

An e-Classroom environment: a key lesson from case study research in New Zealand
Falloon, G., 2005, *Sustainable communities and sustainable environments : envisioning a role for science, mathematics and technology education: proceedings of the Fourth International Conference on Science, Mathematics and Technology Education : Victoria, Canada, August 25-28, 2005*. Fisher, D., Zandvliet, D., Gaynor, I. & Koul, R. (eds.). Perth, W.A: Curtin University of Technology, 13 p.

Expanding our thinking about ICT: the digital opportunities projects
Falloon, G., 2005, In: *Computers in New Zealand Schools: Learning, teaching and technology*. 17, 2, p. 30-35 6 p.

Getting the balance right: The Community Technicians' Project
Falloon, G. & McCarthy, C., 2005, *Proceedings of the 4th international conference on researching work and learning*. Hager, P. & Hawke, G. (eds.). Sydney: OVAL Research, p. 8-19

Improving educational opportunities through ICT partnerships
Selby, L., Ryba, K. & Falloon, G., 2005, *e-learning communities: teaching and learning with the web*. Lai, K-W. (ed.). Dunedin: University of Otago Press, p. 93-111 19 p.

Cooperative groupings as an organisational system for classroom computer use
Falloon, G., 2004, In: Computers in New Zealand Schools: Learning, teaching and technology. 16, 1, p. 31-35 5 p.

Assessing the impact of ICT in the classroom: Broadening our view
Falloon, G., 2003, In: Computers in New Zealand Schools: Learning, teaching and technology. 15, 1, p. 22-25 4 p.

When ICT meets the technology curriculum: a case study of multimedia development in pre service teacher education
Falloon, G., 2001, In: Computers in New Zealand Schools: Learning, teaching and technology. 13, 3, p. 47-52 6 p.

Developing exemplary practice: why are some teachers better at IT than others?
Falloon, G., 1999, In: Computers in New Zealand Schools: Learning, teaching and technology. 11, 3, p. 19-25 7 p.

Using Lego and Logo in the primary classroom
Falloon, G., 1992, In: Computers in New Zealand Schools: Learning, teaching and technology. 4, 1, p. 26-29 4 p.

Activities

From digital literacy to digital competence: Educators' proficiencies in an era of rapidly-changing digital landscapes
Garry Falloon (Speaker)
10 Mar 2022

Digital Competencies for Information Literacy
Garry Falloon (Speaker)
8 Mar 2022

From digital literacy to digital competence
Garry Falloon (Keynote speaker) & Eamon Vale (Speaker)
12 Nov 2021

Exploring interactive simulations to help young students learn basic science concepts: A classroom investigation into simple circuit building
Garry Falloon (Speaker)
4 May 2021

Exploring technologies and distance learning strategies for tertiary education
Garry Falloon (Speaker)
10 Jun 2020

Promoting 'blended models': Navigating digital literacy in distance learning environments
Garry Falloon (Speaker)
27 May 2020

Building innovative, future-focused learning environments: reflections from research and practice
Garry Falloon (Speaker)
16 Mar 2020

Reflections on Research: Learning with mobile technologies in schools
Garry Falloon (Speaker)
12 Sept 2019

Mobile devices in the primary school: Researching learning using iPads in primary education
Garry Falloon (Speaker)

16 May 2019

Integration of future focused skills in school curriculum

Garry Falloon (Speaker)

1 Apr 2019

Research Symposium: Learning from Viewing and Creating Animations in School Science

Garry Falloon (Speaker)

29 Nov 2018

Using Virtual Manipulative (VM) Apps to Introduce Circuit Building Procedures and Electricity Concepts to Young Children

Garry Falloon (Speaker)

30 Nov 2017

Exploring student thinking in mobile device-supported learning environments

Garry Falloon (Speaker)

14 Jul 2016

Learning with Mobile Technologies in the Primary School

Garry Falloon (Speaker)

17 Apr 2016

Building thinking and mathematics capabilities through coding in the primary school

Garry Falloon (Speaker)

2016

Learning with mobile technologies in the primary school: Researching student learning 'on the go'

Garry Falloon (Speaker)

2016

Using digital scaffolds for learning science in the primary school

Garry Falloon (Speaker)

2016

Digital Technologies in Education Research: Challenges and Opportunities

Garry Falloon (Speaker)

18 Jun 2015

Breaking down the walls with Adobe Connect

Garry Falloon (Speaker)

12 Feb 2015

Touching the surface: Emerging findings from research on students using iPads for learning.

Garry Falloon (Speaker)

29 Jan 2015

Touching the Surface: Emerging findings from research on students using iPads for learning

Garry Falloon (Speaker)

29 Jan 2015

Learning with and through iPads: Emerging findings from research

Garry Falloon (Speaker)

2014

The classroom in your pocket: From lecture theatre to mobile app

Garry Falloon (Speaker)

8 Feb 2013

Tracking young students' learning pathways using iPads: knowledge, response and App influences

Garry Falloon (Speaker)

2013

Digital Learning Objects as effective resources to help exercise and develop student thinking

Garry Falloon (Speaker)

11 May 2012

Inside the virtual classroom: Student perspectives on affordances and limitations (presentation)

Garry Falloon (Speaker)

2012

Developing connections: The virtual classroom as a tool for interaction and dialogue

Garry Falloon (Speaker)

7 Jul 2010

Cross-discipline approaches to pedagogical change in technology-supported tertiary teaching

Garry Falloon (Speaker)

2010

Prizes

NSW Teachers' Guild World Teachers Recognition Award

Falloon, Garry (Recipient), 11 Feb 2022

Press/Media

A balanced approach to cellphone use

Garry Falloon

22/06/18

1 Media contribution

Are digital devices really helping primary school students learn?

Garry Falloon & Kristy Goodwin

21/06/18

1 Media contribution

Building digital wisdom: how to spot unreliable websites

Kim Wilson & Garry Falloon

25/06/18

1 item of Media coverage

Changing times in and out of class

Garry Falloon

29/09/18

1 Media contribution

Community languages under threat due to lack of support

Alice Chik, Philip Benson, Garry Falloon & James Forrest

13/11/19
1 item of Media coverage

Critical Skills for Young People Growing Up in the 21st Century
Garry Falloon
5/09/17
1 Media contribution

Home learning shock: what happened to the good old days?
Garry Falloon
30/04/20
1 Media contribution

How parents can help their children learn
Garry Falloon
4/09/18
1 Media contribution

Online learning reduces children's reading enjoyment - study
Garry Falloon
23/11/20
1 Media contribution

Parents say school curriculum is failing students
Garry Falloon
23/07/18
1 Media contribution

Qantas Talking Business - Realigning education to build 21st century competencies
Garry Falloon
1/11/17
1 Media contribution

Rethinking our Goals for the 21st Century
Garry Falloon
4/09/17
1 Media contribution

Should remote learning continue post-COVID?
Garry Falloon
18/01/21
1 Media contribution

Students need to learn their own way- and parents can help.
Garry Falloon
3/09/18
1 Media contribution

The Pros and cons of Banning Phones in School
Garry Falloon
27/06/18
1 Media contribution

Using apps and devices to enhance learning
Garry Falloon
21/06/18

Awards

Projects

Australian curriculum (EYLF) in Chinese preschools: Educators' attitudes and practices relating to the concepts of play-based approach and intentional teaching

Degotardi, S., Falloon, G. & Dong, C.

6/04/21 → 6/04/23

Coding Animated Narratives as Contemporary Multimodal Authorship in Schools

Unsworth, L., Mills, K., Falloon, G. & Burn, A.

1/01/19 → 31/12/21

Community languages for the future of New South Wales

Chik, A., Benson, P., Falloon, G. & Forrest, J.

25/06/18 → 31/03/19

Developing teachers'/students' science capital and intercultural understanding via STEAM education

Chu, H. E., Falloon, G., Harrison, N., Cavanagh, M., Jamie, J., Pask, H., Martin, S. N., Song, J., Kim, C., Son, Y., Cho, Y. H., Lim, H. J., Lego, D., Treagust, D. F. & Siburn, K.

1/11/18 → 31/01/23

VRLab: Mobile Virtual Reality Resource for School and University Based Research

Parrila, R., Falloon, G., Ryan, M. & Loban, R.

1/01/19 → 31/12/19

Pedagogical optimisation of maker activities using 3D technology

Forbes, A., Bower, M., Hatzigianni, M., Falloon, G. & Stevenson, M.

1/06/17 → 30/06/18