

CCME0036: Education and Technology: Key Issues and Debates

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@article{Al Lily_2013, title={The social shaping of educational technologies in Saudi Arabia: An examination of how the social fabric shapes the construction and use of technologies}, volume={35}, DOI={10.1016/j.techsoc.2013.04.001}, number={3}, journal={Technology in Society}, author={Al Lily, Abdulrahman E.A.}, year={2013}, month={Aug}, pages={203-222} }

@article{Bacca, JorgeBaldiris, SilviaFabregat, RamonGraf, SabineKinshuk_2014, title={Augmented Reality Trends in Education: A Systematic Review of Research and Applications}, volume={17}, url={https://search.proquest.com/docview/1660156978?rfr_id=info%3Axri%2Fsid%3Aprimo}, journal={Journal of Educational Technology & Society}, author={Bacca, JorgeBaldiris, SilviaFabregat, RamonGraf, SabineKinshuk}, year={2014}, pages={133-149} }

@book{Ball_2013, address={New York}, title={Foucault, power, and education}, DOI={10.4324/9780203078662}, publisher={Routledge}, author={Ball, Stephen}, year={2013} }

@book{Ball_2017, address={Bristol, UK}, edition={Third edition}, title={The education debate}, url={http://jstor.org/stable/j.ctt1t893tk}, publisher={Policy Press}, author={Ball, Stephen J.}, year={2017} }

@book{Barnett_Society for Research into Higher Education_1994, address={Buckingham}, title={The limits of competence: knowledge, higher education and society}, publisher={Society for Research into Higher Education & Open University Press}, author={Barnett, Ronald and Society for Research into Higher Education}, year={1994} }

@article{Bayne_2015a, title={What's the matter with 'technology-enhanced learning?'}, volume={40}, DOI={10.1080/17439884.2014.915851}, number={1}, journal={Learning, Media and Technology}, author={Bayne, Sian}, year={2015}, month={Jan}, pages={5-20} }

@article{Bayne_2015b, title={Teacherbot: interventions in automated teaching}, volume={20}, DOI={10.1080/13562517.2015.1020783}, number={4}, journal={Teaching in Higher Education}, author={Bayne, Sian}, year={2015}, month={May}, pages={455-467} }

@inbook{Bayne_Land_2005, address={London}, title={Learning from Cyberspace}, url={https://contentstore.cla.co.uk/secure/link?id=bdc74f92-97ed-e811-80cd-005056af4099}, booktitle={Education in cyberspace}, publisher={RoutledgeFalmer},

author={Bayne, Siân and Land, Ray}, year={2005}, pages={117-129} }

@article{Bayne, SiânJandrić, Petar_2017, title={From anthropocentric humanism to critical posthumanism in digital education}, volume={5},
url={https://search.proquest.com/docview/1936098906?rfr_id=info%3Axri%2Fsid%3Aprimo}, journal={Knowledge Cultures}, author={Bayne, SiânJandrić, Petar}, year={2017},
pages={197-216} }

@book{Bijker_Hughes_Pinch_Douglas_2012, address={Cambridge, Mass},
edition={Anniversary}, title={The social construction of technological systems: new directions in the sociology and history of technology},
url={http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3239170340004761&institutionId=4761&customerId=4760}, publisher={MIT Press}, author={Bijker, Wiebe E. and Hughes, Thomas Parke and Pinch, T. J. and Douglas, Deborah G.}, year={2012} }

@book{Bolter_1991, address={Hillsdale, N.J.}, title={Writing space: the computer, hypertext, and the history of writing},
url={https://www.taylorfrancis.com/books/9781410600110}, publisher={L. Erlbaum Associates}, author={Bolter, J. David}, year={1991} }

@book{Bonk_2011, address={San Francisco, CA, USA}, title={The World is Open},
url={http://doi.wiley.com/10.1002/9781118269381}, DOI={10.1002/9781118269381}, publisher={Jossey-Bass}, author={Bonk, Curtis J.}, year={2011}, month={Jun} }

@book{Buckingham_1993, address={London}, title={Children talking television: the making of television literacy}, publisher={Falmer}, author={Buckingham, David}, year={1993} }

@inbook{Buckingham_2013, address={Hoboken}, edition={1}, title={Chapter 8: Digital Media Literacies}, url={http://ucl.ebib.com/patron/FullRecord.aspx?p=1174290},
booktitle={Beyond Technology: Children's Learning in the Age of Digital Culture}, publisher={Wiley}, author={Buckingham, David}, year={2013} }

@article{Burbules_2016, title={How We Use and Are Used by Social Media in Education}, volume={66}, DOI={10.1111/edth.12188}, number={4}, journal={Educational Theory}, author={Burbules, Nicholas C.}, year={2016}, month={Aug}, pages={551-565} }

@inbook{Carr_2011, address={London}, title={Constructing Disability in Online Worlds; Conceptualising Disability in Online Research},
url={https://ebookcentral.proquest.com/lib/ucl/reader.action?docID=769977&ppg=186}, booktitle={Reinventing Ourselves: Contemporary Concepts of Identity in Virtual Worlds}, publisher={Springer London}, author={Carr, Diane}, editor={Peachey, Anna and Childs, Mark}, year={2011}, pages={177-190} }

@inbook{Cassen_McNally_Vignoles_2015, address={Abingdon}, title={Chapter 10: ICT in the classroom}, booktitle={Making a difference in education: what the evidence says}, publisher={Routledge}, author={Cassen, Robert and McNally, Sandra and Vignoles, Anna}, year={2015} }

@book{2009, title={Re-thinking education in the age of technology: The Digital

Revolution and Schooling in America}, publisher={Teachers College Press},
author={Collins, A and Halverson, R}, year={2009} }

@article{Crook_2012, title={The 'digital native' in context: tensions associated with importing Web 2.0 practices into the school setting}, volume={38},
DOI={10.1080/03054985.2011.577946}, number={1}, journal={Oxford Review of Education}, author={Crook, Charles}, year={2012}, month={Feb}, pages={63-80} }

@inbook{Cuban_1986, address={New York}, title={Chapter 3: Explaining teacher use of machines in classrooms},
url={https://contentstore.cla.co.uk/secure/link?id=252af97d-9bed-e811-80cd-005056af4099}, booktitle={Teachers and machines: the classroom use of technology since 1920}, publisher={Teachers College, Columbia University}, author={Cuban, Larry}, year={1986} }

@article{Cuban_Jandrić_2015, title={The dubious promise of educational technologies: Historical patterns and future challenges}, volume={12},
DOI={10.1177/2042753015579978}, number={3-4}, journal={E-Learning and Digital Media}, author={Cuban, Larry and Jandrić, Petar}, year={2015}, month={Jun}, pages={425-439} }

@book{Dean_2010, address={Cambridge, UK}, title={Blog theory: feedback and capture in the circuits of drive}, publisher={Polity Press}, author={Dean, Jodi}, year={2010} }

@article{Facer_Sandford_2010, title={The next 25 years?: future scenarios and future directions for education and technology}, volume={26},
DOI={10.1111/j.1365-2729.2009.00337.x}, number={1}, journal={Journal of Computer Assisted Learning}, author={Facer, K. and Sandford, R.}, year={2010}, month={Jan}, pages={74-93} }

@book{Ferster_2016, address={Baltimore, Maryland}, title={Sage on the screen: education, media, and how we learn}, publisher={Johns Hopkins University Press}, author={Ferster, Bill}, year={2016} }

@article{Friesen_Lowe_2012, title={The questionable promise of social media for education: connective learning and the commercial imperative}, volume={28},
DOI={10.1111/j.1365-2729.2011.00426.x}, number={3}, journal={Journal of Computer Assisted Learning}, author={Friesen, N. and Lowe, S.}, year={2012}, month={Jun}, pages={183-194} }

@inbook{Gee_2007, address={Basingstoke}, edition={Rev. and updated ed}, title={INTRODUCTION: 36 WAYS TO LEARN A VIDEO GAME},
url={https://contentstore.cla.co.uk/secure/link?id=6f58c19e-3013-e911-80cd-005056af4099}, booktitle={What video games have to teach us about learning and literacy}, publisher={Palgrave Macmillan}, author={Gee, James Paul}, year={2007} }

@article{Goldie_2016, title={Connectivism: A knowledge learning theory for the digital age?}, volume={38}, DOI={10.3109/0142159X.2016.1173661}, number={10},
journal={Medical Teacher}, author={Goldie, John Gerard Scott}, year={2016}, month={Oct}, pages={1064-1069} }

@inbook{Goodman_2002, address={Mahwah, N.J.}, title={Cognitive tutors: From the research classroom to all classrooms}, booktitle={Technology enhanced learning: opportunities for change}, publisher={Lawrence Erlbaum Associates}, author={Goodman, Paul S.}, year={2002}, pages={235-263} }

@article{Gourlay_Lanclos_Oliver_2015, title={Sociomaterial Texts, Spaces and Devices: Questioning 'Digital Dualism' in Library and Study Practices}, volume={69}, DOI={10.1111/hequ.12075}, number={3}, journal={Higher Education Quarterly}, author={Gourlay, Lesley and Lanclos, Donna M. and Oliver, Martin}, year={2015}, month={Jul}, pages={263-278} }

@book{Harasim_2017a, address={New York, NY}, edition={Second edition}, title={Learning theory and online technologies}, publisher={Routledge}, author={Harasim, Linda M.}, year={2017} }

@book{Harasim_2017b, address={New York, NY}, edition={Second edition}, title={Learning theory and online technologies}, publisher={Routledge}, author={Harasim, Linda M.}, year={2017} }

@inbook{Henderson_Romeo_2015a, address={Port Melbourne, VIC}, title={Considering the history of digital technologies in education}, url={http://ro.uow.edu.au/cgi/viewcontent.cgi?article=2830&context=sspapers}, booktitle={Teaching and digital technologies: big issues and critical questions}, publisher={Cambridge University Press}, author={Henderson, Michael and Romeo, Geoff}, year={2015} }

@book{Henderson_Romeo_2015b, address={Port Melbourne, VIC}, title={Teaching and digital technologies: big issues and critical questions}, publisher={Cambridge University Press}, author={Henderson, Michael and Romeo, Geoff}, year={2015} }

@inbook{Jenkins_Itō_boyd_2016, address={Cambridge, UK}, title={Chapter 4: Learning and Literacy}, booktitle={Participatory culture in a networked era: a conversation on youth, learning, commerce, and politics}, publisher={Polity Press}, author={Jenkins, Henry and Itō, Mizuko and boyd, danah}, year={2016} }

@article{Karabulut-Ilgu_Jaramillo_Cherrez_Jahren_2018, title={A systematic review of research on the flipped learning method in engineering education}, volume={49}, DOI={10.1111/bjet.12548}, number={3}, journal={British Journal of Educational Technology}, author={Karabulut-Ilgu, Aliye and Jaramillo Cherez, Nadia and Jahren, Charles T.}, year={2018}, month={May}, pages={398-411} }

@article{Kivinen_Piiroinen_Saikkonen_2016, title={Two viewpoints on the challenges of ICT in education: knowledge-building theory vs. a pragmatist conception of learning in social action}, volume={42}, DOI={10.1080/03054985.2016.1194263}, number={4}, journal={Oxford Review of Education}, author={Kivinen, Osmo and Piiroinen, Tero and Saikkonen, Loretta}, year={2016}, month={Jul}, pages={377-390} }

@inbook{Knoblauch_2014, address={New York}, edition={First paperback edition}, title={Chapter 1: Introduction}, url={http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3238594300004761&institutionId=4761&customerId}

=4760}, booktitle={PowerPoint, communication, and the knowledge society}, publisher={Cambridge University Press}, author={Knoblauch, Hubert}, year={2014} }

@book{Langmia_2016, address={Cham, Switzerland}, title={Globalization and cyberculture: an Afrocentric perspective}, publisher={Springer Nature}, author={Langmia, Kehbuma}, year={2016} }

@inbook{Laurillard_2012, address={New York, NY}, title={Chapter 1: Teaching as a Design Science}, url={http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3237520310004761&institutionId=4761&customerId=4760}, booktitle={Teaching as a design science: building pedagogical patterns for leaning and technology}, publisher={Routledge}, author={Laurillard, Diana}, year={2012} }

@article{Laurillard_2016, title={The educational problem that MOOCs could solve: professional development for teachers of disadvantaged students}, volume={24}, DOI={10.3402/rlt.v24.29369}, number={1}, journal={Research in Learning Technology}, author={Laurillard, Diana}, year={2016}, month={Jan} }

@inbook{1996, title={Practice, person, social world}, booktitle={An introduction to Vygotsky}, publisher={London: Routledge}, author={Lave, J and Wenger, E}, year={1996}, pages={143-150} }

@article{Lawless_2016, title={Educational Technology: False prophet or sacrificial lamb. A review of policy, research and practice}, volume={3}, DOI={10.1177/2372732216630328}, number={2}, journal={Policy Insights from the Behavioral and Brain Sciences}, author={Lawless, Kimberly A.}, year={2016}, month={Oct}, pages={169-176} }

@article{Livingstone_2012, title={Critical reflections on the benefits of ICT in education}, volume={38}, DOI={10.1080/03054985.2011.577938}, number={1}, journal={Oxford Review of Education}, author={Livingstone, Sonia}, year={2012}, month={Feb}, pages={9-24} }

@book{Livingstone_Sefton-Green_2016, address={New York}, title={The Class: Living and Learning in the Digital Age}, url={http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3239246440004761&institutionId=4761&customerId=4760}, publisher={New York University Press}, author={Livingstone, Sonia M. and Sefton-Green, Julian}, year={2016} }

@book{McLuhan_Agel_Fiore_2001, address={Corte Madera, Calif}, title={The medium is the message: an inventory of effects}, publisher={Gingko Press}, author={McLuhan, Marshall and Agel, Jerome and Fiore, Quentin}, year={2001} }

@article{New London Group, title={A Pedagogy of Multiliteracies: Designing Social Futures}, volume={66}, url={https://search.proquest.com/docview/85606386?rfr_id=info%3Axi%2Fsid%3Aprimo}, number={1}, journal={Harvard Educational Review}, author={New London Group}, pages={60-92} }

@inbook{2016, address={Hoboken, NJ}, title={What is Technology?},
url={http://doi.wiley.com/10.1002/9781118736494}, DOI={10.1002/9781118736494},
booktitle={The Wiley Handbook of Learning Technology}, publisher={John Wiley & Sons,
Inc}, author={Oliver, M.}, editor={Rushby, Nick and Surry, Daniel W.}, year={2016},
month={Apr}, pages={35-57} }

@article{Oliver_2005, title={The Problem with Affordance}, volume={2},
DOI={10.2304/elea.2005.2.4.402}, number={4}, journal={E-Learning and Digital Media},
author={Oliver, Martin}, year={2005}, month={Dec}, pages={402-413} }

@article{Oliver_Trigwell_2005, title={Can 'Blended Learning' Be Redeemed?},
volume={2}, DOI={10.2304/elea.2005.2.1.17}, number={1}, journal={E-Learning and
Digital Media}, author={Oliver, Martin and Trigwell, Keith}, year={2005}, month={Mar},
pages={17-26} }

@book{Ong_Hartley_2012, address={Abingdon}, edition={30th anniversary ed.; 3rd ed},
title={Orality and literacy: the technologizing of the word},
url={http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService
&package_service_id=3242501530004761&institutionId=4761&customerId
=4760}, publisher={Routledge}, author={Ong, Walter J. and Hartley, John},
year={2012} }

@book{Papacharissi_2014, address={New York}, title={Affective publics: sentiment,
technology, and politics},
url={http://dx.doi.org/10.1093/acprof:oso/9780199999736.001.0001}, publisher={Oxford
University Press}, author={Papacharissi, Zizi}, year={2014} }

@inbook{Papert_1993, address={New York}, edition={2nd ed}, title={Chapter 7: Logo's
roots: Piaget and AI},
url={https://contentstore.cla.co.uk/secure/link?id=b36d4f4f-3113-e911-80cd-005056af409
9}, booktitle={Mindstorms: children, computers, and powerful ideas}, publisher={Basic
Books}, author={Papert, Seymour}, year={1993} }

@article{Prensky_2001, title={Digital Natives, Digital Immigrants}, volume={9},
url={http://www.marcprensky.com/writing/Prensky%20-%20Digital%20Natives,%20Digital
%20Immigrants%20-%20Part1.pdf}, number={5}, journal={On the Horizon},
author={Prensky, Marc}, year={2001} }

@inproceedings{Rae_Neustaedter_2017, title={Robotic Telepresence at Scale},
url={http://dl.acm.org/citation.cfm?doid=3025453.3025855},
DOI={10.1145/3025453.3025855}, booktitle={Proceedings of the 2017 CHI Conference
on Human Factors in Computing Systems - CHI '17}, publisher={ACM Press},
author={Rae, Irene and Neustaedter, Carman}, year={2017}, pages={313-324} }

@inbook{Redman_Maples_2017, address={Los Angeles}, edition={Fifth edition},
title={Chapter 6: Thinking critically and formulating an argument.},
url={https://contentstore.cla.co.uk/secure/link?id=c3706dfd-b518-e911-80cd-005056af40
99}, booktitle={Good essay writing: a social sciences guide}, publisher={SAGE},
author={Redman, Peter and Maples, Wendy}, year={2017} }

@book{Rettberg_2008, address={Cambridge}, title={ Blogging}, publisher={ Polity},

author={Rettberg, Jill Walker}, year={2008} }

@book{Rushby_Surry_2016, address={Chichester, West Sussex}, title={The Wiley handbook of learning technology}, volume={1},
url={http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3242450590004761&institutionId=4761&customerId=4760}, publisher={Wiley Blackwell}, author={Rushby, Nicholas John and Surry, Daniel W.}, year={2016} }

@book{Sawday_Rhodes_2000, address={London}, title={The Renaissance computer: knowledge technology in the first age of print},
url={http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService&package_service_id=3241761060004761&institutionId=4761&customerId=4760}, publisher={Routledge}, author={Sawday, Jonathan and Rhodes, Neil}, year={2000} }

@inbook{Selwyn_2017a, address={London}, edition={Second edition}, title={Chapter 7: Technology and Education Institutions}, booktitle={Education and technology: key issues and debates}, publisher={Bloomsbury Academic, an imprint of Bloomsbury Publishing Plc}, author={Selwyn, Neil}, year={2017} }

@inbook{Selwyn_2017b, address={London}, edition={Second edition}, title={Chapter 2: Does technology inevitably change education?}, booktitle={Education and technology: key issues and debates}, publisher={Bloomsbury Academic, an imprint of Bloomsbury Publishing Plc}, author={Selwyn, Neil}, year={2017} }

@inbook{Selwyn_2017c, address={London}, edition={Second edition}, title={Chapter 3: A Short History of Educational Technology}, booktitle={Education and technology: key issues and debates}, publisher={Bloomsbury Academic, an imprint of Bloomsbury Publishing Plc}, author={Selwyn, Neil}, year={2017} }

@inbook{Selwyn_2017d, address={London}, edition={Second edition}, title={Chapter 4: Technology and Learning}, booktitle={Education and technology: key issues and debates}, publisher={Bloomsbury Academic, an imprint of Bloomsbury Publishing Plc}, author={Selwyn, Neil}, year={2017} }

@book{Selwyn_Nemorin_Bulfin_Johnson_2018, address={Abingdon, Oxon}, title={Everyday schooling in the digital age: high school, high tech?}, publisher={Routledge}, author={Selwyn, Neil and Nemorin, Selena and Bulfin, Scott and Johnson, Nicola F.}, year={2018} }

@inbook{Skinner_1968, address={New York}, title={Chapter 3: Teaching machines}, booktitle={The technology of teaching}, publisher={Appleton-Century-Crofts}, author={Skinner, B. F.}, year={1968} }

@book{Standage_1999, address={London}, title={The Victorian internet: the remarkable story of the telegraph and the nineteenth century's online pioneers}, publisher={Phoenix}, author={Standage, Tom}, year={1999} }

@book{Thomas_Brown_2011, address={United States}, title={A new culture of learning: cultivating the imagination for a world of constant change},

`publisher={[[CreateSpace]]}, author={Thomas, Douglas and Brown, John Seely},
year={2011} }`

`@article{Wajcman_2010, title={Feminist theories of technology}, volume={34},
DOI={10.1093/cje/ben057}, number={1}, journal={Cambridge Journal of Economics},
author={Wajcman, J.}, year={2010}, month={Jan}, pages={143-152} }`

`@book{Murphy_2013, address={London}, title={Social theory and education research:
understanding Foucault, Habermas, Bourdieu and Derrida},
url={http://ucl.alma.exlibrisgroup.com/view/action/uresolver.do?operation=resolveService
&package_service_id=3239167480004761&institutionId=4761&customerId
=4760}, publisher={Routledge}, year={2013} }`

`@inbook{Haythornthwaite_Andrews_Fransman_Meyers_2016a, address={London},
edition={Second edition}, title={The Ethics of Learning and Technology Research},
booktitle={The SAGE handbook of e-learning research}, publisher={SAGE Publications},
year={2016}, pages={211-231} }`

`@inbook{Haythornthwaite_Andrews_Fransman_Meyers_2016b, address={London},
edition={Second edition}, title={The future of e-learning}, booktitle={The SAGE
handbook of e-learning research}, publisher={SAGE Publications}, year={2016},
pages={537-556} }`

`@book{Haythornthwaite_Andrews_Fransman_Meyers_2016c, address={London},
edition={Second edition}, title={The SAGE handbook of e-learning research},
publisher={SAGE Publications}, year={2016} }`

`@inbook{'Digital native' and 'digital immigrant' discourses: a critique,
url={https://link.springer.com/book/10.1007%2F978-94-6091-580-2}, booktitle={Digital
differences: perspectives on online education}, pages={159-170} }`

`@misc{Connected Learning: An Agenda for Research and Design,
url={https://dmlhub.net/wp-content/uploads/files/Connected_Learning_report.pdf} }`

`@article{A Framework for Conceptualising the Impact of Technology on Teaching and
Learning, url={https://www.j-ets.net/ETS/issuesd5e8.html?id=34} }`

`@article{The Impact of Digital Technology on Learning: A Summary for the Education
Endowment Foundation, url={https://www.dur.ac.uk/education/staff/profile/?id=10741} }`

`@misc{The Interactive Whiteboards, Pedagogy, and Pupil Performance: An Evaluation of
the Schools Whiteboard Expansion Project (London Challenge),
url={http://discovery.ucl.ac.uk/10000905/} }`

`@misc{2018 NMC Horizon Report | EDUCAUSE,
url={https://library.educause.edu/resources/2018/8/2018-nmc-horizon-report} }`

`@article{E-learning policy and the 'transformation' of schooling: a UK case study,
url={http://www.eurodl.org/materials/contrib/2007/Adrian_Mee.htm} }`

@article{What is connected learning and how to research it,
url={ http://access.portico.org/Portico/#!journalAUSimpleView/tab=PDF?cs=ISSN_19436068?ct=E-Journal%20Content?auld=ark:/27927/phx5dbcfmj2 } }