

# Introduction to the Learning Sciences (EDUC4089) (XX4W27)

View Online



@article{Anderson\_Boyle\_Reiser\_1985, title={Intelligent tutoring systems}, volume={228}, DOI={10.1126/science.228.4698.456}, number={4698}, journal={Intelligent tutoring systems}, author={Anderson, John R. and Boyle, C. Franklin and Reiser, Brian J.}, year={1985}, pages={456-462} }

@article{Azevedo\_Hadwin\_2005, title={Scaffolding Self-regulated Learning and Metacognition - Implications for the Design of Computer-based Scaffolds}, volume={33}, DOI={10.1007/s11251-005-1272-9}, number={5-6}, journal={Instructional Science}, author={Azevedo, Roger and Hadwin, Allyson F.}, year={2005}, month={Nov}, pages={367-379} }

@article{Bruckman\_2000, title={Situated Support for Learning: Storm's Weekend With Rachael}, volume={9}, DOI={10.1207/S15327809JLS0903\_4}, number={3}, journal={Journal of the Learning Sciences}, author={Bruckman, Amy}, year={2000}, month={Jul}, pages={329-372} }

@article{Cohen\_1990, title={A Revolution in One Classroom: The Case of Mrs. Oublier}, volume={12}, DOI={10.3102/01623737012003311}, number={3}, journal={Educational Evaluation and Policy Analysis}, author={Cohen, D. K.}, year={1990}, month={Jan}, pages={311-329} }

@article{Crowley\_Callanan\_Jipson\_Galco\_Topping\_Shrager\_2001a, title={Shared scientific thinking in everyday parent-child activity}, volume={85}, DOI={10.1002/sce.1035}, number={6}, journal={Science Education}, author={Crowley, Kevin and Callanan, Maureen A. and Jipson, Jennifer L. and Galco, Jodi and Topping, Karen and Shrager, Jeff}, year={2001}, month={Nov}, pages={712-732} }

@article{Crowley\_Callanan\_Jipson\_Galco\_Topping\_Shrager\_2001b, title={Shared scientific thinking in everyday parent-child activity}, volume={85}, DOI={10.1002/sce.1035}, number={6}, journal={Science Education}, author={Crowley, Kevin and Callanan, Maureen A. and Jipson, Jennifer L. and Galco, Jodi and Topping, Karen and Shrager, Jeff}, year={2001}, month={Nov}, pages={712-732} }

@article{Davis\_Horn\_Block\_Phillips\_Evans\_Diamond\_Shen\_2015, title={"Whoa! We're going deep in the trees!": Patterns of collaboration around an interactive information visualization exhibit}, volume={10}, DOI={10.1007/s11412-015-9209-z}, number={1}, journal={International Journal of Computer-Supported Collaborative Learning}, author={Davis, Pryce and Horn, Michael and Block, Florian and Phillips, Brenda and Evans, E. Margaret and Diamond, Judy and Shen, Chia}, year={2015}, month={Mar}, pages={53-76} }

@article{Delpit\_1988, title={The Silenced Dialogue: Power and Pedagogy in Educating Other People's Children.}, volume={58}, url={https://search.proquest.com/docview/212264098?accountid=8018}, number={3}, journal={Harvard Educational Review}, author={Delpit, Lisa D.}, year={1988}, pages={280-298} }

@article{diSessa\_Sherin\_2006, title={What Changes in Conceptual Change?}, volume={20}, DOI={doi.org/10.1080/0950069980201002}, number={10}, journal={International journal of science education}, author={diSessa, Andrea A. and Sherin, Bruce L.}, year={2006}, pages={1155-1191} }

@article{Easterday\_Rees Lewis\_Gerber\_2016, title={The logic of the theoretical and practical products of design research}, DOI={10.14742/ajet.2464}, journal={Australasian Journal of Educational Technology}, author={Easterday, Matthew Wayne and Rees Lewis, Daniel G and Gerber, Elizabeth M}, year={2016}, month={Jul} }

@article{Edelson\_2001, title={Learning-for-use: A framework for the design of technology-supported inquiry activities}, volume={38}, number={3}, journal={Journal of Research in Science Teaching}, author={Edelson, Daniel C.}, year={2001}, pages={355-385} }

@article{Georghiades\_2004, title={From the general to the situated: three decades of metacognition}, volume={26}, DOI={10.1080/0950069032000119401}, number={3}, journal={International Journal of Science Education}, author={Georghiades, Petros}, year={2004}, month={Feb}, pages={365-383} }

@inbook{Greeno\_Goldman\_1998, address={Mahwah, N.J.}, title={Chapter 7, Cultivating Conceptual Change with Benchmark Lessons}, url={https://ebookcentral.proquest.com/lib/nottingham/reader.action?docID=1166478&ppg=166}, booktitle={Thinking practices in mathematics and science learning}, publisher={Lawrence Erlbaum Associates}, author={Greeno, James G. and Goldman, Shelley V.}, year={1998}, pages={155-188} }

@article{Henning\_Nielsen\_Henning\_Schulz\_2008, title={Designing Discussions: Four Ways to Open Up a Dialogue}, volume={99}, DOI={10.3200/TSSS.99.3.122-126}, number={3}, journal={The Social Studies}, author={Henning, John E. and Nielsen, Lynn E. and Henning, Maria C. and Schulz, Eric Uwe}, year={2008}, month={May}, pages={122-126} }

@article{Herrenkohl\_Palincsar\_DeWater\_Kawasaki\_1999, title={Developing Scientific Communities in Classrooms: A Sociocognitive Approach}, volume={8}, DOI={10.1080/10508406.1999.9672076}, number={3-4}, journal={Journal of the Learning Sciences}, author={Herrenkohl, Leslie Rupert and Palincsar, Annemarie Sullivan and DeWater, Lezlie Salvatore and Kawasaki, Keiko}, year={1999}, month={Jul}, pages={451-493} }

@article{Hu-Pei Au\_1980, title={Participation Structures in a Reading Lesson with Hawaiian Children: Analysis of a Culturally Appropriate Instructional Event}, volume={11}, url={http://www.jstor.org/stable/3216582}, number={2}, journal={Anthropology & Education Quarterly}, author={Hu-Pei Au, Kathryn}, year={1980}, pages={91-115} }

@article{Lee\_2001, title={Is October Brown Chinese? A Cultural Modeling Activity System for Underachieving Students}, volume={38}, DOI={10.3102/00028312038001097}, number={1}, journal={American Educational Research Journal}, author={Lee, Carol D}, year={2001}, month={Jan}, pages={97-141} }

@article{Lee\_2003, title={Toward A Framework for Culturally Responsive Design in Multimedia Computer Environments: Cultural Modeling as a Case}, volume={10}, DOI={10.1207/S15327884MCA1001\_05}, number={1}, journal={Mind, Culture, and Activity}, author={Lee, Carol D.}, year={2003}, month={Feb}, pages={42-61} }

@article{Lehrer\_Shumow\_1997, title={Aligning the Construction Zones of Parents and Teachers for Mathematics Reform.}, volume={15}, url={http://www.jstor.org/stable/3233755}, number={1}, journal={Cognition and Instruction}, author={Lehrer, Richard and Shumow, Lee}, year={1997}, pages={41-83} }

@article{Lepper\_1988, title={Motivational Considerations in the Study of Instruction}, volume={5}, DOI={10.1207/s1532690xci0504\_3}, number={4}, journal={Cognition and Instruction}, author={Lepper, Mark R.}, year={1988}, month={Dec}, pages={289-309} }

@article{Loewenberg Ball\_Feiman-Nemser\_1988, title={Using Textbooks and Teachers' Guides: A Dilemma for Beginning Teachers and Teacher Educators.}, volume={18}, url={http://www.jstor.org/stable/1179386}, number={4}, journal={Curriculum Inquiry}, author={Loewenberg Ball, Deborah and Feiman-Nemser, Sharon}, year={1988}, pages={401-423} }

@inbook{1978, address={Cambridge, Mass}, title={Chapter 6, Interaction between learning and development}, url={https://ebookcentral.proquest.com/lib/nottingham/detail.action?docID=3301299}, booktitle={Mind in society: the development of higher psychological processes}, publisher={Harvard University Press}, author={L.S. Vygotskiĭ}, year={1978}, pages={79-91} }

@article{Miller\_2003, title={The cognitive revolution: a historical perspective}, volume={7}, DOI={10.1016/S1364-6613(03)00029-9}, number={3}, journal={Trends in Cognitive Sciences}, author={Miller, George A}, year={2003}, month={Mar}, pages={141-144} }

@article{Moore\_2011, title={Behaviorism}, volume={61}, DOI={10.1007/BF03395771}, number={3}, journal={The Psychological Record}, author={Moore, J.}, year={2011}, month={Jul}, pages={449-463} }

@article{Norman\_1980, title={Twelve Issues for Cognitive Science}, volume={4}, DOI={10.1207/s15516709cog0401\_1}, number={1}, journal={Cognitive Science}, author={Norman, Donald A.}, year={1980}, month={Jan}, pages={1-32} }

@inbook{Norman\_2013, address={Cambridge, Mass}, edition={Rev. and expanded ed}, title={Chapter 1, The psychopathology of everyday things}, url={https://contentstore.cla.co.uk/secure/link?id=36a46993-9b82-e711-80cb-005056af40} }

99}, booktitle={The design of everyday things}, publisher={MIT Press}, author={Norman, Donald A.}, year={2013}, pages={1-36} }

@article{Palincsar\_Herrenkohl\_2002a, title={Designing Collaborative Learning Contexts}, volume={41}, DOI={10.1207/s15430421tip4101\_5}, number={1}, journal={Theory Into Practice}, author={Palincsar, Annemarie Sullivan and Herrenkohl, Leslie Rupert}, year={2002}, month={Feb}, pages={26-32} }

@article{Palincsar\_Herrenkohl\_2002b, title={Designing Collaborative Learning Contexts}, volume={41}, DOI={10.1207/s15430421tip4101\_5}, number={1}, journal={Theory Into Practice}, author={Palincsar, Annemarie Sullivan and Herrenkohl, Leslie Rupert}, year={2002}, month={Feb}, pages={26-32} }

@article{Papleontiou-louca\_2003, title={The concept and instruction of metacognition}, volume={7}, DOI={10.1080/13664530300200184}, number={1}, journal={Teacher Development}, author={Papleontiou-louca, Eleonora}, year={2003}, month={Mar}, pages={9-30} }

@article{Patten\_Chao\_Reigeluth\_1986, title={A Review of Strategies for Sequencing and Synthesizing Instruction.}, volume={56}, url={http://www.jstor.org/stable/1170341}, number={4}, journal={Review of Educational Research}, author={Patten, James van and Chao, Chun-I and Reigeluth, Charles M.}, year={1986}, pages={437-471} }

@article{Quintana\_Zhang\_Krajcik\_2005, title={A Framework for Supporting Metacognitive Aspects of Online Inquiry Through Software-Based Scaffolding}, volume={40}, DOI={10.1207/s15326985ep4004\_5}, number={4}, journal={Educational Psychologist}, author={Quintana, Chris and Zhang, Meilan and Krajcik, Joseph}, year={2005}, month={Dec}, pages={235-244} }

@article{Rosebery\_Warren\_Conant\_1992, title={Appropriating Scientific Discourse: Findings From Language Minority Classrooms}, volume={2}, DOI={10.1207/s15327809jls0201\_2}, number={1}, journal={Journal of the Learning Sciences}, author={Rosebery, Ann S. and Warren, Beth and Conant, Faith R.}, year={1992}, month={Jan}, pages={61-94} }

@book{Sawyer\_2014, address={New York}, edition={2nd ed}, title={The Cambridge handbook of the learning sciences}, volume={Cambridge handbooks in psychology}, url={https://doi.org/10.1017/CBO9781139519526}, publisher={Cambridge University Press}, author={Sawyer, R. Keith}, year={2014} }

@article{Sherin\_Reiser\_Edelson\_2004, title={Scaffolding Analysis: Extending the Scaffolding Metaphor to Learning Artifacts}, volume={13}, DOI={10.1207/s15327809jls1303\_5}, number={3}, journal={Journal of the Learning Sciences}, author={Sherin, Bruce and Reiser, Brian J. and Edelson, Daniel}, year={2004}, month={Jul}, pages={387-421} }

@article{Smith\_Frost\_Albayrak\_Sudhakar\_2006, title={Facilitating narrative medical discussions of type 1 diabetes with computer visualizations and photography}, volume={64}, DOI={10.1016/j.pec.2006.03.011}, number={1-3}, journal={Patient Education and Counseling}, author={Smith, Brian K. and Frost, Jeana and Albayrak, Meltem and Sudhakar, Rajneesh}, year={2006}, pages={313-321} }

@article{Smith III\_diSessa\_Roschelle\_1994, title={Misconceptions Reconceived: A Constructivist Analysis of Knowledge in Transition}, volume={3}, DOI={10.1207/s15327809jls0302\_1}, number={2}, journal={Journal of the Learning Sciences}, author={Smith III, John P. and diSessa, Andrea A. and Roschelle, Jeremy}, year={1994}, month={Apr}, pages={115-163} }

@article{On Conceptual Metaphor and the Flora and Fauna of Mind: Commentary on Brookes and Etkina; and Jeppsson, Haglund, and Amin, url={http://www.tandfonline.com/doi/full/10.1080/09500693.2015.1025248}, journal={On Conceptual Metaphor and the Flora and Fauna of Mind: Commentary on Brookes and Etkina; and Jeppsson, Haglund, and Amin} }