

Design-Based Research

- A Review of Design-Based Research. (2016). 2016 IEEE 16th International Conference on Advanced Learning Technologies (ICALT), Advanced Learning Technologies (ICALT), 2016 IEEE 16th International Conference, 506. doi:10.1109/ICALT.2016.8
- Bannan-Ritland, B. (2003). The role of design in research: The integrative learning design framework. *Educational Researcher*, 32(1), 21-24.
- Barab, S. (2014). Design-based research: A methodological toolkit for engineering change. In R. K. Sawyer, R. K. Sawyer (Eds.), *The Cambridge handbook of the learning sciences* (pp. 151-170). Cambridge University Press. doi:10.1017/CBO9781139519526.011
- Barab, S. A., & Squire, K. (Eds.). (2004). Design-based research. [Special Issue] *Journal of the Learning Sciences*, 13(1).
- Barab, S. A., Dodge, T., Thomas, M. K., Jackson, C., & Tuzun, H. (2007). Our designs and the social agendas they carry. *Journal of the Learning Sciences*, 16(2), 263-305.
- Barab, S., & Squire, K. (2004). Design-based research: Putting a stake in the ground. *The Journal of the Learning Sciences*, 13(1) 1-14.
- Brown, A. L. (1992). Design experiments: Theoretical and methodological challenges in creating complex interventions in classroom settings. *Journal of the Learning Sciences*, 2, 141-178.
- Cobb, P., Confrey, J., deSessa, A., Lehrer, R., & Schauble, L. (2003). Design experiments in educational research. *Educational Researcher*, 32(1), 9-13.
- Collins, A. (1992). Toward a design science of education. In E. Scanlon & T. O'Shea (Eds.), *New directions in educational technology* (pp. 15-22). Springer Verlag.
- Collins, A., Joseph, D., & Bielaczyc, K. (2004). Design research: Theoretical and methodological issues. *Journal of the Learning Sciences*, 13(1), 15-42.
- Design-based Research Collective (DBRC). (2003). Design-Based Research: An Emerging Paradigm for Educational Inquiry. *Educational Researcher*, 32(1), 5-8.
- Dunning, T. (2012). *Natural experiments in the social sciences: a design-based approach*. Cambridge University Press, 2012.
- Edelson, D. C. (2002). Design Research: What we learn when we engage in design. *Journal of the Learning Sciences*, 11(1), 105-121.
- Gallagher TL & Fazio X (2019) Multiple layers: Education faculty Reflecting on Design-Based Research focused on Curricular Integration. *Qualitative Research in Education*, 8(1), 27-59.
- Goff, W. M., & Getenet, S. (2017). Design-based research in doctoral studies: adding a new dimension to doctoral research. International Journal of Doctoral Studies, 12107-121
- Hmelo-Silver, C. E. (2013). Multivocality as a Tool for Design-Based Research. In, *Productive Multivocality in The Analysis of Group Interactions*, 561-573. doi:10.1007/978-1-4614-8960-3_30
- Hoadley, C. M. (2004). Methodological Alignment in Design-Based Research. *Educational Psychologist*, 39(4), 203–212
- Kelly, A., Lesh, R., & Baek, J. (eds.) (2008). *Handbook of Design Research Methods in Education*, Routledge.

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- Kennedy-Clark, S. (2015). Reflection: Research by Design: Design-Based Research and the Higher Degree Research Student. *Journal of Learning Design*, 8(3), 106-122.
- O'Neill, D. K. (2016). Understanding Design Research–Practice Partnerships in Context and Time: Why Learning Sciences Scholars Should Learn From Cultural-Historical Activity Theory Approaches to Design-Based Research. *Journal of The Learning Sciences*, 25(4), 497-502. doi:10.1080/10508406.2016.1226835
- Ørngreen, R. (2015). Reflections on Design-Based Research. Human Work Interaction Design. In, Human Work Interaction Design. Work Analysis & Interaction Design Methods for Pervasive & Smart Workplaces, 20-38. doi:10.1007/978-3-319-27048-7 2
- Pool, J., & Laubscher, D. (2016). Design-Based Research: Is This a Suitable Methodology for Short-Term Projects? *Educational Media International*, 53(1), 42-52.
- Reeves, T. C., Herrington, J., & Oliver, R. (2005). Design research: A socially responsible approach to instructional technology research in higher education. *Journal of Computing in Higher Education*, 16(2), 97-116.
- Reigeluth, C. M., & Frick, F. W. (1999). Formative research: A methodology for creating and improving design theories. In C. M. Reigeluth (Ed.), *Instructional-design theories and models* (Vol. II, pp. 633-651). Lawrence Erlbaum.
- Shah, J. K., Ensminger, D. C., & Thier, K. (2015). The Time for Design-Based Research Is "Right" and "Right Now". *Mid-Western Educational Researcher*, 27(2), 152-171.
- Shavelson, R. J., Phillips, L. T., & Feuer, M. J. (2003). On the science of education design studies. *Educational Researcher*, 32(1), 25–28.
- Simonsen, J. (2010). Design research: synergies from interdisciplinary perspectives. Routledge.
- Štemberger, T., & Cencic, M. (2016). Design Based Research: The Way of Developing and Implementing. World Journal on Educational Technology: Current Issues, 8(3), 180-189.
- Susan, M., & Thomas C., R. (2013). Systematic Review of Design-Based Research Progress: Is a Little Knowledge a Dangerous Thing? *Educational Researcher*, (2), 97. doi:10.3102/0013189X12463781
- Svihla, V. (2014). Advances in Design-Based Research. Frontline Learning Research, 2(4), 35-45.
- Terry, A., & Julie, S. (2012). Design-Based Research: A Decade of Progress in Education Research? *Educational Researcher*, (1), 16.
- Vakil, S., de Royston, M. M., Nasir, N. S., & Kirshner, B. (2016). Rethinking race and power in design-based research: Reflections from the field. *Cognition and Instruction*, 34(3), 194-209. doi:10.1080/07370008.2016.1169817
- Vanderhoven, E., Raes, A., & Schellens, T. (2015). 7.1 Interpretation in the process of designing effective learning materials: A design-based research example. *International Handbook of Interpretation in Educational Research*, 1219. doi:10.1007/978-94-017-9282-0_60
- Van den Akker, J. (1999). Principles and methods of development research. In J. van den Akker, N. Nieveen, R. M. Branch, K. L. Gustafson & T. Plomp (Eds.), *Design methodology and developmental research in education and training* (pp. 1-14). Kluwer Academic Publishers.

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- Van den Akker, J., Gravemeijer, K., McKenney, S., & Nieveen, N. (2006). *Educational Design Research*, Routledge.
- Wang, F., & Hannafin, M. J. (2005). Design-based research and technology-enhanced learning environments. *Educational Technology Research and Development*, 53(4), 5-23.
- Zheng, L. (2016). Reflection on Design-Based Research: Challenges and Future Direction. *State-Of-The-Art & Future Directions of Smart Learning*, 293. doi:10.1007/978-981-287-868-7_35

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