

Resource Guide

This bibliography is compiled to give a general list of books to have read, and even have on hand when you are teaching interdisciplinary courses, in general context, with added ones for global education.

Sourcebooks for Interdisciplinary Teaching, Systems thinking, General Education, with Global Contexts and General Schemes

Fritjof Capra, *The Web of Life: A New Scientific Understanding of Living Systems*, Anchor, 1997.

Mary E. Clark, *Ariadne's Thread*, St. Martin's Press, 1989.

Mary E. Clark, *In Search of Human Nature*, Routledge, 2002.

Peter Checkland, *Systems Thinking, Systems Practice*, Wiley, 1993.

Bernard Grun, *The Timetables of History*, Simon & Schuster, Third Edition

Faisal Hoque with Drake Baer, *Everything Connects*, McGraw-Hill 2014.

Rajaram Krishnan, Jonathan M Harris, and Neva R. Goodwin, *A Survey of Ecological Economics*, Island Press, 1995.

Gary E. Miller, *The Meaning of General Education: The Emergence of a Curricular Paradigm*, Teachers College Press, Columbia University, 1988.

Joyce S. Osland, David A. Kolb and Irwin M. Rubin (Editors), *The Organizational Behavior Reader*, Prentice-Hall, 2001.

Philip H Phenix, *Realms of Meaning: a Philosophy of the Curriculum for General Education*, McGraw-Hill, 1964.

Immanuel Wallerstein, *World-Systems Analysis, An Introduction*, Duke University Press, 2004.

Edward Wenk Jr., *Tradeoffs: Imperatives of Choice in a High-Tech World*, Johns Hopkins University Press, 1989.

Alfred North Whitehead, *The Aims of Education and other Essays*, 1927, Free Press re-issue 1967.

Harold Winter, *Tradeoffs: An Introduction to Economic Reasoning and Social Issues*, University of Chicago Press, 2013.

Ecology as Applied Here:

Atsushi Akera, "Constructing a Representation for an ecology of Knowledge: methodological Advances in the Integration of Knowledge and its Various Contexts", *Social Studies of Science*, 37/4 June 2007, 413-441.

Gregory Bateson, *Steps to an Ecology of Mind: Collected Essays in Anthropology, Psychiatry, Evolution and Epistemology*, 1972. Re-issue, edition 1, University of Chicago Press, 2000. Available also at: http://www.edtechpost.ca/readings/Gregory_Bateson_Ecology_of_Mind.pdf

Charles E. Rosenberg, "Toward an Ecology of Knowledge: On Discipline, Context and History", Chapter 14 in *No Other Gods: On Science and American Social Thought*, Johns Hopkins University Press, 1976, 1997.

Susan Leigh Star (Editor), *Ecologies of Knowledge: Work and Politics in Science and Technology*, SUNY Press, 1995.

Learning - General

Joseph D. Novak and D. Bob Gowin, *Learning How to Learn*, Cambridge University Press, 1984.

Joseph D. Novak, *Learning, Creating, and Using Knowledge: Concept Maps as Facilitative Tools in Schools and Corporations*, Routledge, 2009.

James E. Zull, *The Art of Changing the Brain: Enriching the Practice of Teaching by Exploring the Biology of Learning*, Stylus, 2002.

James E. Zull, *From Brain to Mind: Using Neuroscience to Guide Change in Education*, Stylus, 2011.

<http://environ.andrew.cmu.edu> , course site, discusses concept maps, systems thinking etc.

AAC&U Publications on Global Education

Paul Gaston, *General Education Transformed: How We Can, Why We Must*, April 2015.

Kevin Hovland, *Shared Futures: Global Learning and Liberal Education*, 2006.

Kevin Hovland, *Global Learning: Defining, Designing, Demonstrating*, 2013
(free download) http://www.aacu.org/sites/default/files/files/Global/global_learning_2014.pdf

Articles in *Liberal Education*

Indira Nair, "The Challenge of Global Literacy: An Opportunity for Liberal-Professional Education", *Liberal Education*, Vol. 98, No. 3, Winter 2012.
<http://www.aacu.org/liberaleducation/2012/winter/nair>

Frank Louis Rusciano, "Globalizing the Curriculum: How to Incorporate a Global Perspective into your courses", *Liberal Education*, Vol. 100, No. 3, Summer 2014.

Peter N. Stearns, "Global Education & Liberal Education", *Liberal Education*, Vol. 96. No. 3, Summer 2010.

<http://www.aacu.org/publications-research/periodicals/global-education-liberal-education>

Articles in *Diversity & Democracy*

Lisa Gentile and Kathy Hoke, "Framework for Integrated STEM Learning in the First Year", *Diversity & Democracy*, Vol.14, No.2, Spring 2011 <http://www.aacu.org/publications-research/periodicals/globalizing-curriculum>

Indira Nair, "New Scientific Literacies for an Interdependent World", *Diversity and Democracy*, Vol.145, No.2, Spring 2011. <http://www.aacu.org/publications-research/periodicals/new-scientific-literacies-interdependent-world>

Global Education - General

Robert F. Arnove and Carlos Alberto Torres, *Comparative Education: The Dialectic of the Global and the Local*, Rowman & Littlefield, 2003.

Martin J. Gannon, *Paradoxes of Culture and Globalization*, Sage, 2008.

John Hooker, *Working Across Cultures*, Stanford Business Books, 2003.

David Killick, *Developing the Global Student: Higher Education in an era of Globalization*, Routledge, 2014.

Hans Schattle, *The Practice of Global Citizenship*, Rowman & Littlefield, 2007.

Richard Slimbach, *Becoming World Wise: A Guide to Global learning*, Stylus, 2010.

Joseph Zajda (Editor), *Global Pedagogies: Schooling for the Future*, Springer 2010.