



The Science of Learning: A Systems Theory Approach

Provides authoritative, comprehensive, learner-centric reviews and discussions of theories and research on learning processes, instructional approaches, and the uses of instructional media. It includes over 600 references to the most influential theoretical and empirical literature in the field. It also provides discussions on the scientific method and how to apply science and scientific thinking to the study of learning, the development of instruction, and the evaluation of instructional programs. The systems-theory orientation provided in the book helps the reader understand the diverse data on learning and helps to integrate these data into a rich knowledge base. The book also summarizes guidance on the application of learning research to enhance learning effectiveness and illustrates this guidance with real-world examples.

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Robert T. Hays, Ph.D. received his doctorate in General Experimental Psychology in 1979 from Virginia Commonwealth University. He has conducted basic and applied research in learning processes, instructional effectiveness, and human performance improvement. Some of his research efforts include: the first portable electronic performance aid, a computerized feedback system for Navy pilot trainees, and the Navy's first virtual environment training system. He has published extensively and taught at the graduate and undergraduate levels. He has also conducted tutorials at international learning conferences. He was the Technical Manager for the Joint Advanced Distributed Learning Co-laboratory and, most recently, has served as a Science of Learning Consultant to the Navy Human Performance Center.

ISBN: 1-59942-415-0; paperback, 440 pages, US \$29.95

Brown Walker Press — 2006

Preview on the internet: <http://BrownWalker.com>

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Boca Raton, FL 33486-8540

In US/Can/Mex Add \$4.90 shipping for first copy, \$1.95 for each additional copy