

Handbook of Research on Instructional Systems and Technology

Volume I

Terry T. Kidd

University of Texas Health Science Center School of Public Health, USA

Holim Song

Texas Southern University, USA

Information Science
REFERENCE

INFORMATION SCIENCE REFERENCE

Hershey • New York

Acquisitions Editor: Kristin Klinger
Development Editor: Kristin Roth
Senior Managing Editor: Jennifer Neidig
Managing Editor: Sara Reed
Copy Editor: Holly Powell and Larissa Vinci
Typesetter: Jeff Ash
Cover Design: Lisa Tosheff
Printed at: Yurchak Printing Inc.

Published in the United States of America by
Information Science Reference (an imprint of IGI Global)
701 E. Chocolate Avenue, Suite 200
Hershey PA 17033
Tel: 717-533-8845
Fax: 717-533-8661
E-mail: cust@igi-global.com
Web site: <http://www.igi-global.com/reference>

and in the United Kingdom by
Information Science Reference (an imprint of IGI Global)
3 Henrietta Street
Covent Garden
London WC2E 8LU
Tel: 44 20 7240 0856
Fax: 44 20 7379 0609
Web site: <http://www.eurospanonline.com>

Copyright © 2008 by IGI Global. All rights reserved. No part of this publication may be reproduced, stored or distributed in any form or by any means, electronic or mechanical, including photocopying, without written permission from the publisher.

Product or company names used in this set are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark.

Handbook of research on instructional systems and technology / Terry Kidd & Holim Song, editors.

p. cm.

Summary: "This book provides information on different styles of instructional design methodologies, tips, and strategies on how to use technology to facilitate active learning and techniques to help faculty and researchers develop online instructional and teaching materials. It enables libraries to provide a foundational reference for researchers, educators, administrators, and others in the context of instructional systems and technology"--Provided by publisher.

Includes bibliographical references and index.

ISBN 978-1-59904-865-9 (hardcover) -- ISBN 978-1-59904-866-6 (ebook)

1. Instructional systems--Design. 2. Educational technology. 3. Educational innovations. I. Kidd, Terry. II. Song, Holim.

LB1028.38.H357 2008

371.33--dc22

2007024155

British Cataloguing in Publication Data

A Cataloguing in Publication record for this book is available from the British Library.

All work contributed to this book set is original material. The views expressed in this book are those of the authors, but not necessarily of the publisher.

17 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage: www.igi-global.com/chapter/cognitive-functionality-multimedia-problem-solving/20791

Related Content

The Art of Acknowledgement

Caroline S. Hatcher (2020). *Cases on Emotionally Responsive Teaching and Mentoring* (pp. 38-45). www.irma-international.org/chapter/the-art-of-acknowledgement/253631

The Assessment of Students' Competencies and Constructionism With Examples in Biological and Natural Sciences

Mariana. Iancu (2018). *Learning Strategies and Constructionism in Modern Education Settings* (pp. 223-249). www.irma-international.org/chapter/the-assessment-of-students-competencies-and-constructionism-with-examples-in-biological-and-natural-sciences/207954

Aligning Children's Books With Digital Tools for Reader Response: The Text, the Tech, and the Task

Kristin H. Javorsky, Laurie A. Friedrich, Lauri Nicholsand Guy Trainin (2020). *Handbook of Research on Integrating Digital Technology With Literacy Pedagogies* (pp. 232-259). www.irma-international.org/chapter/aligning-childrens-books-with-digital-tools-for-reader-response/238431

Designing Digital Video to Support Learner Outcomes: A Study in an Online Learning Resource for Healthcare Professionals and Students

Hugh Kellam, Colla J. MacDonald, Douglas Archibaldand Derek Puddester (2012). *International Journal of Online Pedagogy and Course Design* (pp. 45-66). www.irma-international.org/article/designing-digital-video-support-learner/68413

The Effects of Self-Awareness and Self-Reflective Writing on Online Task Performance

Gamze Yilmazand Leah LeFebvre (2020). *Learning and Performance Assessment: Concepts, Methodologies, Tools, and Applications* (pp. 1435-1452). www.irma-international.org/chapter/the-effects-of-self-awareness-and-self-reflective-writing-on-online-task-performance/237587