Table of Contents

International Journal of Digital Literacy and Digital Competence

Volume 7 • Issue 1 • January-March-2016 • ISSN: 1947-3494 • eISSN: 1947-3508

An official publication of the Information Resources Management Association

Guest Editorial Preface

v Special Issue on "School Revolution? Let's Start from Teachers' Digital Literacy and Competences!" Antonella Nuzzaci, Department of Human Studies, University of L'Aquila, L'Aquila, Italy

Research Articles

Teacher Training and Digital Paths. Revolution in the School: A Project for Lifelong Learning Pierpaolo Limone, ERID Lab, University of Foggia, Foggia, Italy Rosaria Pace, ERID Lab, University of Foggia, Foggia, Italy

19 Synthesizing Technological and Pedagogical Knowledge in Learning Design: A Case Study in Teacher Training on Technology Enhanced Learning

Kyparisia A. Papanikolaou, School of Pedagogical and Technological Education, Athens, Greece Katerina Makrh, School of Pedagogical and Technological Education, Athens, Greece George D. Magoulas, Birkbeck College, University of London, London, UK Dionisia Chinou, School of Pedagogical and Technological Education, Athens, Greece Athanasios Georgalas, School of Pedagogical and Technological Education, Athens, Greece Petros Roussos, Department of Psychology, University of Athens, Athens, Greece

33 Impediments to Digital Fabrication in Education: A Study of Teachers' Role in Digital Fabrication

Rachel Charlotte Smith, Centre for Participatory Information Technology (PIT), Aarhus University, Aarhus, Denmark

Ole Sejer Iversen, Centre for Participatory Information Technology (PIT), Aarhus University, Aarhus, Denmark Rune Veerasawmy, Centre for Participatory Information Technology (PIT), Aarhus University, Aarhus, Denmark

50 Developing Digital Competences of Vocational Teachers

Sabine Seufert, Institute of Business Education and Educational Management (IWP), University of St. Gallen, St. Gallen, Switzerland

Nina Scheffler, Institute of Business Education and Educational Management (IWP), University of St. Gallen, St. Gallen, Switzerland

Book Review

66 Txtng: The Gr8 Db8

N.P. Kurtböke, Istanbul Sabahattin Zaim University, Istanbul, Turkey

COPYRIGHT

The International Journal of Digital Literacy and Digital Competence (IJDLDC) (ISSN 1947-3494; eISSN 1947-3508), Copyright © 2016 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal 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. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Digital Literacy and Digital Competence is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; Google Scholar; INSPEC; JournalTOCs; Library & Information Science Abstracts (LISA); Linguistics & Language Behavior Abstracts (LLBA); MediaFinder; PsycINFO®; The Standard Periodical Directory; Ulrich's Periodicals Directory