

Table of Contents

International Journal of Game-Based Learning

Volume 9 • Issue 1 • January-March-2019 • ISSN: 2155-6849 • eISSN: 2155-6857

An official publication of the Information Resources Management Association

Research Articles

- 1 **Similarities and Differences in Learning of Metacognitive Skills: Computer Games Versus Mathematics Education**
Su Ting Yong, The University of Nottingham, Semenyih, Malaysia
Peter Gates, The University of Nottingham, Nottingham, UK
Andy Tak-Yee Chan, The University of Nottingham, Semenyih, Malaysia
- 15 **Using Gamification Strategies to Cultivate and Measure Professional Educator Dispositions**
Curby Alexander, Texas Christian University, USA
- 30 **First-Timer Learning Experiences in Global Game Jam**
Mikko Meriläinen, University of Tampere, Tampere, Finland
- 42 **Game-Based Learning to Engage Students With Physics and Astronomy Using a Board Game**
Adriana Cardinot, National University of Ireland Galway, Galway, Ireland
Jessamyn A. Fairfield, National University of Ireland Galway, Galway, Ireland

COPYRIGHT

The **International Journal of Game-Based Learning (IJGBL)** (ISSN 2155-6849; eISSN 2155-6857), Copyright © 2019 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 Game-Based Learning* is indexed or listed in the following: ACM Digital Library; Bacon's Media Directory; Cabell's Directories; DBLP; ERIC – Education Resources Information Center; Google Scholar; INSPEC; JournalTOCs; MediaFinder; ProQuest Advanced Technologies & Aerospace Journals; ProQuest Computer Science Journals; ProQuest Illustrata: Technology; ProQuest SciTech Journals; ProQuest Technology Journals; PsycINFO®; SCOPUS; The Standard Periodical Directory; Ulrich's Periodicals Directory; Web of Science; Web of Science Emerging Sources Citation Index (ESCI)