

Full Length Articles

Designing and Implementing Web-based Scaffolding Tools for Technology-enhanced Socioscientific Inquiry <i>Suhkyung Shin, Thomas A. Brush and Krista D. Glazewski</i>	1–12
Are They Thinking Differently: A Cross-Cultural Study on the Relationship of Thinking Styles and Emerging Roles in Computer-Supported Collaborative Learning <i>Xiaoqing Gu, Huawen Wang and Jon Mason</i>	13–24
Philosophy of Technology Assumptions in Educational Technology Leadership <i>Mark David Webster</i>	25–36
Mobile Learning in Pre-Kindergarten: Using Student Feedback to Inform Practice <i>Jennifer L. Reeves, Glenda A. Gunter and Candace Lacey</i>	37–44
Exploring Learners' Sequential Behavioral Patterns, Flow Experience, and Learning Performance in an Anti-Phishing Educational Game <i>Jerry Chih-Yuan Sun, Cian-Yu Kuo, Huei-Tse Hou and Yu-Yan Lin</i>	45–60
Computerized Dynamic Adaptive Tests with Immediately Individualized Feedback for Primary School Mathematics Learning <i>Huey-Min Wu, Bor-Chen Kuo and Su-Chen Wang</i>	61–72
Comment Data Mining to Estimate Student Performance Considering Consecutive Lessons <i>Shaymaa E. Sorour, Kazumasa Goda and Tsunenori Mine</i>	73–86
Effects of the Team Competition-Based Ubiquitous Gaming Approach on Students' Interactive Patterns, Collective Efficacy and Awareness of Collaboration and Communication <i>Chih-Hung Chen and Gwo-Jen Hwang</i>	87–98
Conversational Agents Improve Peer Learning through Building on Prior Knowledge <i>Stergios Tegos and Stavros Demetriadis</i>	99–111
Journalogue: Voicing Student Challenges in Writing Through a Classroom Blog <i>Suneeta Thomas</i>	112–122
The Effect of Computer Game-Based Learning on FL Vocabulary Transferability <i>Stephan J. Franciosi</i>	123–133
Surveying In-Service Teachers' Beliefs about Game-Based Learning and Perceptions of Technological Pedagogical and Content Knowledge of Games <i>Chung-Yuan Hsu, Meng-Jung Tsai, Yu-Hsuan Chang and Jyh-Chong Liang</i>	134–143
Wikis for a Collaborative Problem-Solving (CPS) Module for Secondary School Science <i>Dorothy DeWitt, Norlidah Alias, Saedah Siraj and Jonathan Michael Spector</i>	144–155
How Augmented Reality Enables Conceptual Understanding of Challenging Science Content <i>Susan Yoon, Emma Anderson, Joyce Lin and Karen Elinich</i>	156–168
Online Research Behaviors of Engineering Graduate Students in Taiwan <i>Ying-Hsueh Cheng and Chin-Chung Tsai</i>	169–179

Guest Editorial

- “HOW” to Design, Implement and Evaluate the Flipped Classroom? 180–183
Yanjie Song, Morris Jong, Maiga Chang and Weiqin Chen

Special Issue Articles

- Facilitating and Bridging Out-Of-Class and In-Class Learning: An Interactive E-Book-Based Flipped Learning Approach for Math Courses 184–197
Gwo-Jen Hwang and Chiu-Lin Lai
- An Experiential Learning Perspective on Students’ Satisfaction Model in a Flipped Classroom Context 198–210
Xuesong Zhai, Jibao Gu, Hefu Liu, Jyh-Chong Liang and Chin-Chung Tsai
- Implementing the Flipped Classroom in Teacher Education: Evidence from Turkey 211–221
Gökçe Kurt
- Using “First Principles of Instruction” to Design Secondary School Mathematics Flipped Classroom: The Findings of Two Exploratory Studies 222–236
Chung Kwan Lo and Khe Foon Hew
- An Action Research Study from Implementing the Flipped Classroom Model in Primary School History Teaching and Learning 237–247
Vasiliki Aidinopoulou and Demetrios G. Sampson
- Conceptualizing “Homework” in Flipped Mathematics Classes 248–260
Zandra de Araujo, Samuel Otten and Salih Birisci
- Investigating the Potential of the Flipped Classroom Model in K-12 ICT Teaching and Learning: An Action Research Study 261–273
Christoforos Kostaris, Stylianos Sergis, Demetrios G. Sampson, Michail N. Giannakos and Lina Pelliccione
- Integrating the SOP2 Model into the Flipped Classroom to Foster Cognitive Presence and Learning Achievements 274–291
Hsiu-Ling Chen and Chiung-Yun Chang
- How to Flip the Classroom – “Productive Failure” or “Traditional Flipped Classroom” Pedagogical Design? 292–305
Yanjie Song and Manu Kapur
- Empowering Students in the Process of Social Inquiry Learning through Flipping the Classroom 306–322
Morris Siu-Yung Jong
- Flipping Business Education: Transformative Use of Team-Based Learning in Human Resource Management Classrooms 323–336
Chung-Kai Huang and Chun-Yu Lin
- Flipped Classroom with Problem Based Activities: Exploring Self-regulated Learning in a Programming Language Course 337–349
Ünal Çakiroğlu and Mücahit Öztürk