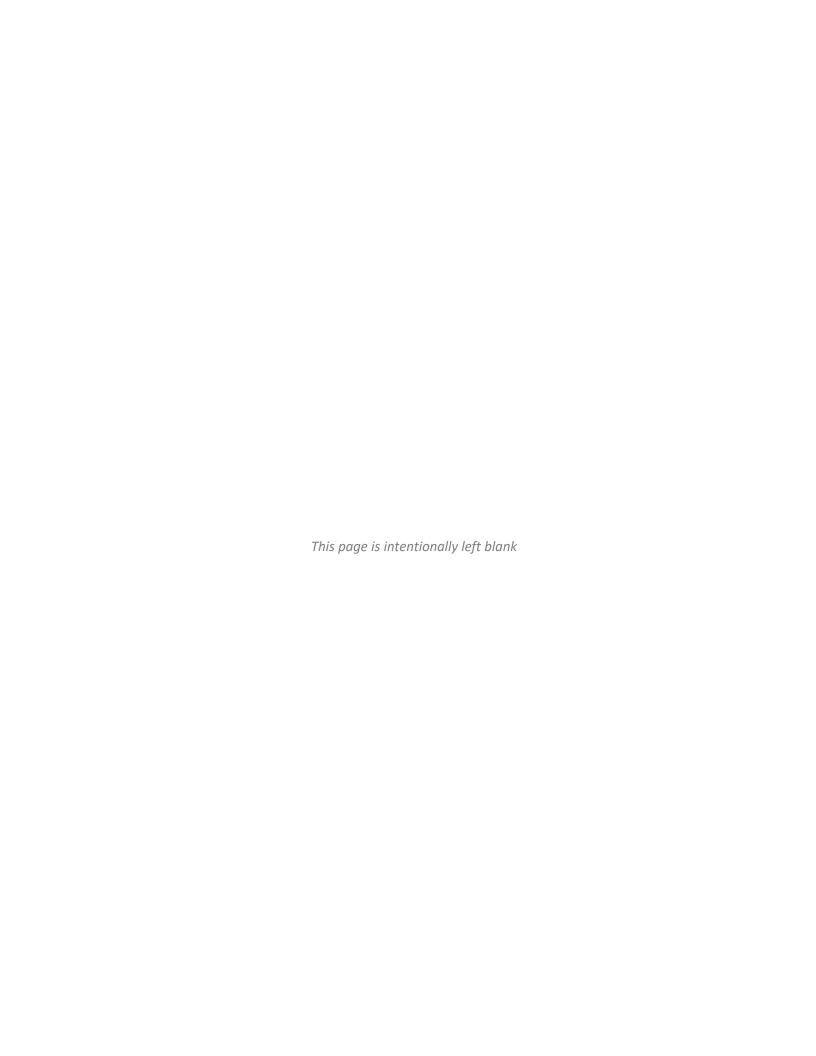
# CONTEMPORARY EDUCATIONAL TECHNOLOGY

A Quarterly International Journal





### CONTEMPORARY EDUCATIONAL TECHNOLOGY

Contemporary Educational Technology is a scholarly international journal focusing on theory, research, and development in the field of educational technology.

The journal assigns highest priority to rigorous studies of quantitative, qualitative, and mixed paradigms on topics related to theories and applications of educational technology as well as instructional design in various educational settings including both formal and non-formal contexts.

The journal also publishes articles on empirically-based evaluation studies and theoretically-based development papers. When appropriate and possible, development papers should highlight links between theory and practice of educational technology.

Moreover, each issue of the journal publishes comprehensive book reviews, interviews, comments, and research abstracts on current issues in the field of educational technology and instructional design.

### **Editorial Contact**

editor@cedtech.net

## ABSTRACTING / INDEXING

Contemporary Educational Technology is listed by the following indexes:

**Cabell's Directory** 

**Crossref** 

**Current Index to Journals in Education (CIJE)** 

**EBSCO - Education Research Complete** 

**ERIC** 

**ERIH PLUS** 

**Google Scholar** 

**OpenAIRE** 

**Scilit** 

**SCOPUS** 

**Sherpa Romeo** 

**Ulrich's Periodicals Directory** 

### **EDITORIAL BOARD**

#### Editors-in-Chief

Jorge Luis Bacca-Acosta, Fundación Universitaria Konrad Lorenz, Colombia

**Kaushal Kumar Bhagat**, Centre for Educational Technology, Indian Institute of Technology, Kharagpur, India-721302

Tufan Adiguzel, Ozyegin University, Turkey

**Section Editors** 

Brian Garner, Deakin University, Australia

Emrah Soykan, Near East University, Cyprus

Rob Koper, Open University of the Netherlands, The Netherlands

Siu Cheung Kong, The Hong Kong Institute of Education, Hong Kong

Timothy Teo, Murdoch University, Australia

#### **Editorial Board Members**

Abdurrahman Al Lily, King Faisal University, Saudi Arabia

Alfiya R. Masalimova, Kazan Federal University, Kazan, Tatarstan, Russia

Ali Simsek, Bahcesehir University, Turkey

Alison Rossett, San Diego State University, USA

Andri Ioannou, Cyprus University of Technology, Cyprus

Arif Altun, Hacettepe University, Turkey

Balakrishnan Muniandy, Universiti Sains Malaysia, Malaysia

Barbara A. Bichelmeyer, Indiana University, USA

Brandford Bervell, University of Cape Coast, Cape Coast, Ghana

Chin-Chung Tsai, National Taiwan Normal University, Taiwan

David W. Shaffer, University of Wisconsin, USA

David Wiley, Brigham Young University, USA

Demetrios G. Sampson, University of Piraeus, Greece

### **EDITORIAL BOARD**

Gilly Salmon, University of Leicester & Education Alchemists Ltd, United Kingdom

Ibrahim Arpaci, Bandirma Onyedi Eylul University, Turkey

J. Michael Spector, University of North Texas, USA

John M. Keller, Emeritus, Florida State University, USA

Keith Sawyer, Washington University, USA

Kiyoshi Nakabayashi, Chiba Institute of Technology, Japan

Marcelo Milrad, Linnaeus University, Sweden

Michael M. Grant, University of South Carolina, United States

Michael Simonson, Nova Southeastern University, USA

Norbert M. Seel, University of Freiburg, Germany

Paul A. Kirschner, Open University of the Netherlands, The Netherlands

Richard A. Schwier, University of Saskatchewan, Canada

Robert D. Tennyson, University of Minnesota, USA

Stamatis Papadakis, University of Crete, Greece

Stephen Kerr, Emeritus, University of Washington, USA

Steven M. Ross, Johns Hopkins University, USA

Su Luan Wong, University Putra Malaysia, Malaysia

Tony Bates, Tony Bates Associates Ltd, Canada

Managing Editor

Mert Bastas, Near East University, Cyprus

**Executive Editor and Owner** 

Ali Berk Bastas, East Mediterranean University, Cyprus

**Founding Editor** 

Ali Simsek, Anadolu University, Turkey

## **CONTENTS**

## Volume 14 – Issue 2 – April 2022

Effects of Segmentation and Self-Explanation Designs on Cognitive Load in Instructional Videos	ep347
Hua Zheng, Eulho Jung, Tong Li, Meehyun Yoon	
https://doi.org/10.30935/cedtech/11522	
Augmented Reality in the Secondary Education classroom: Teachers' Visions	ep348
Verónica Marín-Díaz, Begoña Sampedro, Jorge Figueroa	
https://doi.org/10.30935/cedtech/11523	
The Effects of Previous Experience and Self Efficacy on the Acceptance of e-Learning Platforms Among Younger Students in Saudi Arabia	ep349
Omar Sulaymani, Ahmad R. Pratama, Moneer Alshaikh, Ali Alammary	
https://doi.org/10.30935/cedtech/11524	
System Quality and Student's Acceptance of the E-learning System: The Serial Mediation of Perceived Usefulness and Intention to Use	ep350
Maha Ismail Alkhawaja, Mutia Sobihah Abd Halim, Mohanad S. S. Abumandil, Ahmed Samed Al-Adwan	
https://doi.org/10.30935/cedtech/11525	
Improving Students' Narrative Skills through Gameplay Activities: A Study of Primary School Students	ep351
Sotiris Kirginas	
https://doi.org/10.30935/cedtech/11526	
Integration and Management of Technologies Through Practicum Experiences: A Review in Preservice Teacher Education (2010-2020)	ep352
Irene García-Lázaro, Jesús Conde-Jiménez, María Pilar Colás-Bravo	
https://doi.org/10.30935/cedtech/11540	
Saudi Arabia Special Education Teachers' Attitudes Toward Assistive Technology Use For Students With Intellectual Disability	ep353
Sultan Aldehami	
https://doi.org/10.30935/cedtech/11541	

## **CONTENTS**

Social Communication Appropriate Solf Estades and Escapeak Addiction Among	on2F4
Social Communication Apprehension, Self-Esteem and Facebook Addiction Among University Students in Uganda	ep354
Ayodeji Awobamise, Yosra Jarrar, Gabriel E. Nweke	
https://doi.org/10.30935/cedtech/11542	
CrossQuestion Game: A Group-Based Assessment for Gamified Flipped Classroom Experience Using the ARCS Model	ep355
Usman Durrani, Omar Hujran, Ahmad Samed Al-Adwan	
https://doi.org/10.30935/cedtech/11568	
The Role of Computer Self-Efficacy in High School Students' E-Learning Anxiety: A Mixed-Methods Study	ep356
Zeinab Azizi, Afsheen Rezai, Ehsan Namaziandost, Shouket Ahmad Tilwani	
https://doi.org/10.30935/cedtech/11570	
Primary Teachers Difficulties Related to Compulsory Distance Education During COVID-19	ep357
Minzilya N. Shagiakhmetova, Elena V. Bystritskaya, Servet Demir, Roman A. Stepanov, Elena E. Grishnova, Nina I. Kryukova	
https://doi.org/10.30935/cedtech/11589	
Students' Perspectives on the Use of Differentiated Assessment Tool: Results from an Explanatory Sequential Mixed-Method Pilot Study	ep358
Christye Majuddin, Mas Nida Md. Khambari, Su Luan Wong, Norliza Ghazali, Noris Mohd. Norowi	
https://doi.org/10.30935/cedtech/11667	
An Investigation of Pre-Service Teachers Using Mobile and Wearable Devices for Emotion Recognition and Social Sharing of Emotion to Support Emotion Regulation in mCSCL Environments	ep359
Suthanit Wetcho, Jaitip Na-Songkhla	
https://doi.org/10.30935/cedtech/11668	
Learning Online: The Student Experience	ep360
Dahlia Dwedar	
https://doi.org/10.30935/cedtech/11687	

## **CONTENTS**

Social Media Usage Intensity and Academic Performance among Undergraduate Students in Saudi Arabia	ep361
Abdullah S. Alshalawi	
https://doi.org/10.30935/cedtech/11711	
Content and Language Integrated Learning Practices in Kazakhstan Secondary Schools During COVID-19 Pandemic	ep362
Gulzhana Kuzembayeva, Akmaral Umarova, Zhumagul Maydangalieva, Olga Gorbatenko, Elena Kalashnikova, Nadezhda Kalmazova, Oksana Chigisheva	
https://doi.org/10.30935/cedtech/11733	
Developing a Financial Literacy Storybook for Early Childhood in an Augmented Reality Context	ep363
Ratna Candra Sari, Mimin Nur Aisyah, Sariyatul Ilyana, Hardika Dwi Hermawan	
https://doi.org/10.30935/cedtech/11734	