

e-ISSN: 2148-7456

a peer-reviewed
online journal

hosted by **DergiPark**

International Journal of Assessment Tools in Education

Volume: 10

Issue: 2

June 2023

<https://dergipark.org.tr/en/pub/ijate>

Editor	Dr. Ömer KUTLU
Address	Ankara University, Faculty of Educational Sciences, Cebeci Yerleşkesi, Çankaya, Ankara, Türkiye
E-mail	ijate.editor@gmail.com omerkutlu@ankara.edu.tr
Publisher	Dr. İzzet KARA
Address	Pamukkale University, Education Faculty, Kinikli Campus, 20070 Denizli, Türkiye
Phone	+90 258 296 1036
Fax	+90 258 296 1200
E-mail	ikara@pau.edu.tr ijate.editor@gmail.com
Journal Contact	Dr. Eren Can AYBEK
Address	Department of Educational Sciences, Pamukkale University, Faculty of Education, Kinikli Yerleşkesi, Denizli, 20070, Türkiye
Phone	+90 258 296 31050
Fax	+90 258 296 1200
E-mail	erecanaybek@gmail.com
Frequency	4 issues per year (March, June, September, December)
Online ISSN	2148-7456
Website	https://dergipark.org.tr/en/pub/ijate https://ijate.net/index.php/ijate
Cover Design	Merve SENTURK

International Journal of Assessment Tools in Education (IJATE) is a peer-reviewed and academic online journal. The scientific and legal responsibility for manuscripts published in our journal belongs to the authors(s).



International Journal of Assessment Tools in Education

International Journal of Assessment Tools in Education (IJATE) accepts original research on the design, analysis and use of evaluation along with assessment to enhance comprehension of the performance and quality of stakeholders in educational settings. IJATE is pleased to receive discriminating theoretical and empirical manuscripts (quantitative or qualitative) which could direct significant national and international argumentations in educational policy and practice.

IJATE, as an online journal, is hosted by DergiPark [TUBITAK-ULAKBIM (The Scientific and Technological Research Council of Türkiye)].

In IJATE, there are no charges under any procedure for submitting or publishing an article.

Indexes and Platforms:

- Emerging Sources Citation Index (ESCI)
- Education Resources Information Center (ERIC)
- TR Index (ULAKBIM),
- EBSCOhost,
- SOBIAD,
- JournalTOCs,
- MIAR (Information Matrix for Analysis of the Journals),
- idealonline,
- CrossRef,
- ResearchBib
- Index Copernicus International

Editor

Dr. Omer KUTLU, *Ankara University, Türkiye*

Section Editors

Dr. Safiye BILICAN DEMIR, *Kocaeli University, Türkiye*

Dr. Selma SENEL, *Balikesir University, Türkiye*

Dr. Esin YILMAZ KOGAR, *Nigde Omer Halisdemir University, Türkiye*

Dr. Sumeyra SOYSAL, *Necmettin Erbakan University, Türkiye*

Editorial Board

Dr. Beyza AKSU DUNYA, *Bartın University, Türkiye*

Dr. Stanislav AVSEC, *University of Ljubljana, Slovenia*

Dr. Kelly D. BRADLEY, *University of Kentucky, United States*

Dr. Okan BULUT, *University of Alberta, Canada*

Dr. Javier Fombona CADAVIECO, *University of Oviedo, Spain*

Dr. Seockhoon CHUNG, *University of Ulsan, Korea*

Dr. R. Nukhet CIKRIKCI, *İstanbul Aydın University, Türkiye*

Dr. William W. COBERN, *Western Michigan University, United States*

Dr. Nuri DOGAN, *Hacettepe University, Türkiye*

Dr. Selahattin GELBAL, *Hacettepe University, Türkiye*

Dr. Anne Corinne HUGGINS-MANLEY, *University of Florida, United States*

Dr. Francisco Andres JIMENEZ, *Shadow Health, Inc., United States*

Dr. Nicole KAMINSKI-OZTURK, *The University of Illinois at Chicago, United States*

Dr. Tugba KARADAVUT, *Izmir Democracy University, Türkiye*

Dr. Orhan KARAMUSTAFAOGLU, *Amasya University, Türkiye*

Dr. Yasemin KAYA, *Atatürk University, Türkiye*

Dr. Hulya KELECIOGLU, *Hacettepe University, Türkiye*

Dr. Hakan KOGAR, *Akdeniz University, Türkiye*

Dr. Seongyong LEE, *BNU-HKBK United International College, China*

Dr. Sunbok LEE, *University of Houston, United States*

Dr. Froilan D. MOBO, *Ama University, Philippines*

Dr. Hamzeh MORADI, *Sun Yat-sen University, China*

Dr. Nesrin OZTURK, *Izmir Democracy University, Türkiye*

Dr. Turan PAKER, *Pamukkale University, Türkiye*

Dr. Murat Dogan SAHIN, *Anadolu University, Türkiye*

Dr. Hossein SALARIAN, *University of Tehran, Iran*

Dr. Halil İbrahim SARI, *Kilis 7 Aralik University, Türkiye*

Dr. Ragip TERZI, *Harran University, Türkiye*

Dr. Turgut TURKDOGAN, *Pamukkale University, Türkiye*

Dr. Ozen YILDIRIM, *Pamukkale University, Türkiye*

English Language Editors

Dr. R. Sahin ARSLAN, *Pamukkale University, Türkiye*

Dr. Hatice ALTUN, *Pamukkale University, Türkiye*

Ahmet KUTUK, *Akdeniz University, Türkiye*

Editorial Assistants

Dr. Asiye BAHTIYAR, *Pamukkale University, Türkiye*

Dr. Ebru BALTA, *Agri Ibrahim Cecen University, Türkiye*

Dr. Neslihan Tugce OZYETER, *Kocaeli University, Türkiye*

PhDc. Ibrahim Hakki TEZCI, *Akdeniz University, Türkiye*

Technical Assistant

Dr. Eren Can AYBEK, *Pamukkale University, Türkiye*

CONTENTS

Research Articles

Validation of cognitive models for subtraction of time involving years and centuries

Page: 175-196, PDF

Huan CHIN, Cheng Meng CHEW

The effects of learning oriented assessment on academic writing

Page: 197-217, PDF

Haticetül Kübra ER, Hossein FARHADY

Automatic item generation for online measurement and evaluation: Turkish literature items

Page: 218-231, PDF

Ayfer SAYIN, Mark J. GIERL

The development of a scale of self-efficacy to work on forgiveness in counseling

Page: 232-256, PDF

Meryem VURAL BATIK, Selda ÖRS ÖZDİL, Necla AFYONKALE TALAY

Application of the Rasch model in streamlining an instrument measuring depression among college students

Page: 257-278, PDF

Sherwin BALBUENA

Using ACER ConQuest program to examine multidimensional and many-facet models

Page: 279-302, PDF

Mahmut Sami KOYUNCU, Mehmet ŞATA

The effects of blended learning activities based on the ASSURE model in teaching on students and teachers in music lessons

Page: 303-330, PDF

Sevim İRMİŞ, Ali Korkut ULUDAĞ

The validity and reliability of the Turkish version of revised metacognitive awareness of reading strategies inventory

Page: 331-344, PDF

Rabia BÖREKÇİ, Caner BÖREKÇİ

Enhancing critical thinking and English-speaking skills of gifted students through philosophy for children approach

Page: 345-375, PDF

Feride ACAR, Recep Şahin ARSLAN

Classroom assessment that tailor instruction and direct learning: A validation study

Page: 376-394, PDF

Wai Kei CHAN, Li ZHANG, Emily OON