



e-ISSN: 2147-9844

Kastamonu Eğitim Dergisi

Yıl:2021 Cilt:29 No:5 (Year: 2021 Volume: 29 Issue:5)

Kastamonu Eğitim Dergisi Uluslararası Bilimsel Hakemli
Dergidir.

Ocak-Mayıs-Ağustos-Kasım Aylarında yılda 4 defa çevrimiçi olarak yayınlanır.

Taranmakta olduğumuz indeksler:

- Sosyal ve Beşeri Bilimler Veri Tabanı (TR Dizin)
 - Sobiad
 - idealonline
- DOAJ (Directory of Open Access Journals)
(c) 2021
 - Index Copernicus
- DRJI (Directory of Research Journal Indexing)

SOBİAD

ULAKBİM
Cahit Arf Bilgi Merkezi
Ulusal Veri Tabanları

idealonline

INDEX COPERNICUS
INTERNATIONAL

TRDİZİN DOAJ
DIRECTORY OF
OPEN ACCESS
JOURNALS

DRJI

Kastamonu Üniversitesi
Kastamonu Eğitim Dergisi



Teknik Sorumlular Technical Assistants

Dr. Burcu KARABULUT COŞKUN Dr. Burcu KARABULUT COSKUN
Arş. Gör. Kadir COŞKUN (Mizanpaj) Res. Asst. Kadir COSKUN (Layout)

<http://dergipark.gov.tr/kefdergi>
<https://kefdergi.kastamonu.edu.tr>

31 Aralık 2021

e-posta: kefdergi@kastamonu.edu.tr; dergiksef@gmail.com

Bu dergi yılda dört defa
yayınlanır.

This journal is published four times a
year.

(Ocak-Mayıs-Ağustos-Kasım)

(January-May-August-November)

Kastamonu Üniversitesi, Eğitim Fakültesi Dekanlığı, 37200 KASTAMONU

Kastamonu Eğitim Dergisi **Kastamonu Education Journal**

Sahibi Owner

Dr. Ahmet Hamdi TOPAL (Rektör) Dr. Ahmet Hamdi TOPAL (Rector)

Genel Yayın Yönetmeni General Publishing Manager

Dr. Ahmet KAÇAR (Dekan) Dr. Ahmet KACAR (Dean)

Editörler Editor-in-Chief

Dr. Muammer ERGÜN Dr. Muammer ERGÜN
Dr. Burcu KARABULUT COŞKUN Dr. Burcu KARABULUT COŞKUN

Dil Editörleri Language Editor

Dr. M. Öztürk AKCAOĞLU Dr. M. Öztürk AKCAOĞLU
Dr. Erkan KÜLEKÇİ Dr. Erkan KÜLEKÇİ

Yardımcı Editörler Co-Editors

Dr. Abdullah Çağrı BIBER Dr. Abdullah Çağrı BIBER
Dr. Arif AKÇAY Dr. Arif AKÇAY
Dr. Berat AHİ Dr. Berat AHİ
Dr. Emine KARASU AVCI Dr. Emine KARASU AVCI
Dr. Ezgi MOR DİRLİK Dr. Ezgi MOR DİRLİK
Dr. Fatma ARICI ŞAHİN Dr. Fatma ARICI ŞAHİN
Dr. Gökhan KAYA Dr. Gökhan KAYA
Dr. Hafife BOZDEMİR YÜZBAŞIOĞLU Dr. Hafife BOZDEMİR YÜZBAŞIOĞLU
Dr. İbrahim AKAR Dr. İbrahim AKAR
Dr. İbrahim KEPÇEOĞLU Dr. İbrahim KEPÇEOĞLU
Dr. İlhan ÖZGÜL Dr. İlhan ÖZGÜL
Dr. İlkay AŞKIN TEKKOL Dr. İlkay AŞKIN TEKKOL
Dr. Melike FAİZ Dr. Melike FAİZ
Dr. Naim ÜNVER Dr. Naim ÜNVER
Dr. Nurdane YILMAZ Dr. Nurdane YILMAZ
Dr. Sema KARA Dr. Sema KARA
Dr. Selçuk ŞAHİNGÖZ Dr. Selçuk ŞAHİNGÖZ
Dr. Sevcan CANDAN HELVACI Dr. Sevcan CANDAN HELVACI

Kastamonu Eğitim Kastamonu Education Dergisi Journal

Yayın Kurulu / Editorial Board

Dr. Alevriadou ANASTASIA, Univesity of Western Macedonia, Greece,
alevriadou@gmail.com

Dr. Arif ALTUN, Hacettepe University, Ankara, Turkey
altunar@hacettepe.edu.tr

Dr. Ebru KARATAŞ ACER, Gent University, Gent, Belgium
ebrukaratas29@gmail.com

Dr. Hafize KESER, Ankara University, Ankara, Turkey,
keser@ankara.edu.tr

Dr. Halil İbrahim YALIN, Cyprus International University,
Cyprus
hyalin@ciu.edu.tr

Dr. Irina KOLEVA, Sofia University, Sofia, Bulgaria,
kolevairina@yahoo.com

Dr. John Philip SMITH, Columbia University, Columbia, USA,
jps164@tc.columbia.edu

Dr. Kaya YILMAZ, Marmara University, Istanbul, Turkey,
yilmaz.kaya@marmara.edu.tr

Dr. Loreta ULVYDIENE, Vilnius Univesity, Vilnius, Lithuanian,
Loreta.Ulvydiene@khf.vu.lt

Dr. Mete AKCAOGLU, Georgia Southern University, Georgia, USA,
makcaoglu@georgiasouthern.edu

Dr. Ömer Faruk URSAVAŞ, Recep Tayyip Erdoğan University, Rize, Turkey
ursavas@rte.edu.tr

Dr. Ramazan DİKİCİ, Mersin University, Mersin, Turkey,
rdikici@mersin.edu.tr

Dr. Ramazan ÖZEY, Marmara University, Istanbul, Turkey,
rozey@marmara.edu.tr

Dr. Salih ÇEPNİ, Uludağ University, Bursa, Turkey,
salihcepni@yahoo.com

Dr. Selahattin KAYMAKCI, Kastamonu Univesity, Kastamonu, Turkey,
skaymakci@kastamonu.edu.tr

Dr. Yasar BODUR, Georgia Southern University, Georgia, USA,
ybodur@georgiasouthern.edu

Dr. Yavuz TAŞKESEN LİGİL, Atatürk University, Erzurum, Turkey,
ytaskes@atauni.edu.tr



Makale ID/Adı	Yazar	Sayfa No
699520- Preservice Social Studies Teachers' Cognitive Structures on the Concepts of Effective Teaching and Effective Learning	Vural TÜNKLER	789 - 798
757539- Examination of Teachers' Educational Information Network (EBA) Awareness In Terms of Some Variables	Umut ÇARDAK, Çetin GÜLER	799 - 812
860727- "I've Decided to Become an English Teacher": Pre-Service EFL Teachers' Reasons for Choosing Teaching as a Career	Tutku BAŞÖZ	813 - 821
764350- Gamified Lesson Design Model Proposal for Mathematics Instruction	Nilüfer ZEYBEK, Elif YILDIRIM-SAYGI	823 - 837
755078- The Change of Students' Science Related Affective Characteristics over Years: The Comparison of PISA 2006-2015 Assessments	Neslihan Tuğçe ÖZYETER, Fatma KIZILTOPRAK	838 - 855
706619- Examining Development Prospective Mathematics Teachers Measurement and Evaluation Knowledge and Curriculum Knowledge through Lesson Study Method	Meltem KOÇAK, Yasin SOYLU, Fatih HAYAT	856 - 871
817538- Examining for The Situations That Negatively Affect Middle School Students Experiences in Turkish Lessons Through The Opinions of Students and Teachers	Mehmet FİDAN	872 - 883
746731- Prospective Teachers' Views on Refugee Children's Adaptation	Ayşegül AVŞAR TUNCAY, Hacer ULU	884 - 896
775822- A Correlational Study on the School Administrators' Paternalistic Leadership Characteristics and School Effectiveness	Ayben DELİCE, Akif KÖSE	897 - 906
789383- Technological Pedagogical Content Knowledge of Pre-Service Biology Teachers on Protein Synthesis	Elif DEVECİ, Dilek Sultan ACARLI	907 - 923
790045- Relationships between Adolescents' Irrational Beliefs, Personality Characteristics and Stress Coping Approaches	Kıvanç UZUN, Neşe ÖZTÜRK GÜBEŞ	924 - 940
741028- Dyslexia and Working Memory: Understanding Reading Comprehension and High Level Language Skills in Students with Dyslexia	Aydın KIZILASLAN, Muhammed TUNAGÜR	941 - 952



Makale ID/Adı	Yazar	Sayfa No
754275- The Correlation Between Ethical Leadership Behaviors of School Principals and Teacher Motivation	Erdener ARISOY, Melike CÖMERT	953 - 964
764273- The Effectiveness of English Textbooks at MONE from Teachers' Aspect	Seray İrem KÜTÜK, Ayfer SU BERGİL	965 - 973
787467- An Evaluation on Open and Distance Learning (ODL) Textbooks	Mehmet YAVUZ, Mehmet HASANÇEBİ, Münevver GÜNDÜZ, Selçuk KARAMAN	974 - 986
859758- The Relationship between Organisational Support and Teacher Leadership Perceptions of High School Teachers	Emine DAĞLI, Fatma KALKAN	987 - 999
818204- A Study on Developing an Achievement Test for Fine Arts High School Guitar Lessons	Okan YUNGUL, Ajda Aylin CAN	1000 - 1023
836241- Impact of aberrant responses on Item Response Theory based model estimations	Akif AVCU	1024 - 1033
715624- The Effect of Poetry Focused Supportive Educational Program to Preschool Children's Phonological Awareness	Hızır DİNLER, Nilgün KALBURAN	1034 - 1051
735687- Mathematical Skills in Traditional Children's Games in Early Childhood	Sema ÖNGÖREN, Serhat GÜNDOĞDU	1052 - 1064
771476- An Investigation of Critical Thinking Skills in Illustrated Children's Books	Şule ERŞAN, Hasan ER	1065 - 1073
774451- Pre-service Science Teachers' Epistemological Beliefs: A Q Method Study	Günkut MESCİ, Büşra TUNCAY YÜKSEL	1074 - 1087