

VOLUME/CİLT: 25 ISSUE/SAYI: 1  
E-ISSN: 2717-6401

JUNE/HAZİRAN 2025  
<https://dergipark.org.tr/tr/pub/sakaefd>

**SAKARYA ÜNİVERSİTESİ  
EĞİTİM FAKÜLTESİ DERGİSİ**

**SAKARYA UNIVERSITY  
JOURNAL OF EDUCATION FACULTY**



**SAKARYA  
ÜNİVERSİTESİ**

---

# **The Owner on Behalf of Sakarya University**

## **Sakarya Üniversitesi Adına İmtiyaz Sahibi**

---

Prof. Dr. Hamza Al  
Sakarya University, Sakarya-Türkiye

---

### **Editor in Chief / Baş Editör**

---

Özlem Canan Güngören  
Education, Instructional Design, Instructional Technology, Educational Technology and Computing  
Sakarya University  
Sakarya-Türkiye  
ocanan@sakarya.edu.tr

---

### **Deputy Editor in Chief/ Editör Yardımcısı**

---

Uğur Yassibaş  
Education, Special Education and Disability Education, Mental Disability Education  
Sakarya University  
Sakarya-Türkiye  
uyassibas@sakarya.edu.tr

---

### **Editorial Board / Editör Kurulu**

---

Mehmet Barış Horzum  
Computer and Instructional Technology Teaching  
Sakarya University  
Sakarya-Türkiye

Gülden Kaya Uyanık  
Scale Development, Classroom Measurement Practices  
Measurement and Evaluation in Education  
Sakarya University  
Sakarya-Türkiye

Özlem Gümüşkaya  
Education  
Sakarya University  
Sakarya-Türkiye

Deyana Peneva  
Education  
Konstantin Preslavsky University Of Shumen  
Bulgaria

Hale Ilgaz  
Instructional Technologies  
Ankara University  
Ankara - Türkiye

Cihat Atar  
English as a Second Language, Applied  
Linguistics and Educational Linguistics , Education  
Yildiz Technical University  
İstanbul - Türkiye

Üzeyir Sügümlü  
Turkish and Social Sciences Education  
Ordu University  
Ordu - Türkiye

Kadiyan Boobekova  
Education, School Counseling  
Ktmu  
Kyrgyzstan

Pedro Tadeu  
Applied Computing, Education, Statistics  
Polytechnic Of Guarda  
Portugal

---

## Field Editors / Alan Editörleri

---

---

## Educational Sciences / Eğitim Bilimleri

---

Tuncay Ayas  
Psychological Counseling and Guidance  
Sakarya University  
Sakarya - Türkiye

Zeynep Demirtaş  
Education Programs  
Sakarya University  
Sakarya - Türkiye

Sultan Bilge Keskinkılıç Kara  
Education Management  
Istanbul Kültür University  
Istanbul - Türkiye

Erkan Atalmış  
Measurement and Evaluation  
Manisa Celal Bayar University  
Manisa - Türkiye

---

## Mathematics and Science Education Matematik ve Fen Bilimleri Eğitimi

---

Şenol Beşoluk  
Science and Mathematics Education  
Sakarya University  
Sakarya - Türkiye

Ercan Masal  
Mathematics Education  
Sakarya University  
Sakarya - Türkiye

---

## **Turkish and Social Sciences Education**

## **Türkçe ve Sosyal Bilimler Eğitimi**

---

Hüseyin Çalışkan  
Turkish and Social Sciences Education  
Sakarya University  
Sakarya - Türkiye

---

## **Basic/ Primary Education / Temel Eğitim**

---

Mustafa Bektaş  
Primary Education  
Sakarya University  
Sakarya - Türkiye

Suat Kol  
Early Childhood Education  
Sakarya University  
Sakarya - Türkiye

Esra Betül Kölemen  
Education  
Sakarya University  
Sakarya - Türkiye

---

## **Special Education / Özel Eğitim**

---

Deniz Akdal  
Special Education and Disabled Education,  
Special Talented Education  
Ahi Evran University  
Bitlis - Türkiye

---

## **Foreign Languages Education**

## **Yabancı Diller Eğitimi**

---

Ufuk Ataş  
English as a Second Language, Linguistics, Education  
Artvin Çoruh University  
Artvin - Türkiye

---

# **Computer and Instructional Technologies Education**

## **Bilgisayar ve Öğretim Teknolojileri Eğitimi**

---

Zeliha Demir Kaymak  
Education  
Sakarya University  
Sakarya - Türkiye

---

## **Music Education**

### **Müzik Eğitimi**

---

Nilgün Sazak  
Music Education  
Sakarya University  
Sakarya - Türkiye

---

## **Statistics Editor / İstatistik Editörü**

---

Levent Ertuna  
Measurement and Evaluation in Education  
Sakarya University  
Sakarya-Türkiye

---

## **Language Editor (Turkish)/ Dil Editörü (Türkçe)**

---

Nahide Irem Azizoğlu  
Turkish Education  
Sakarya University  
Sakarya-Türkiye

---

## **Language Editor (English)/ Dil Editörü (İngilizce)**

---

Kerem Can Alpay  
English as a Second Language  
Sakarya University  
Sakarya - Türkiye

---

## **Ethics Editor/ Etik Editörü**

---

Aysegül Kirtel  
Preschool Education, Social Studies Education  
Sakarya University  
Sakarya-Türkiye

---

## **Layout Editor / Mizanpaj Editörü**

---

Mehmet Emin Çolak  
Scientific Journals Coordinatorship  
Sakarya University  
Sakarya-Türkiye  
mehmetcolak@sakarya.edu.tr

Yakup Beriş  
Scientific Journals Coordinatorship  
Sakarya University  
Sakarya-Türkiye  
yakupberis@sakarya.edu.tr

---

## **Proofreader/ Son Okuyucu**

---

Feride İdi Tulumcu  
Turkish and Social Sciences Education  
Sakarya University  
Sakarya-Türkiye

---

## **Secretary Sekreter**

---

Eda Biçener  
Psychological Counseling and Guidance  
Sakarya University  
Sakarya-Türkiye

---

## **Indexing/Indeks**

---



Ebscohost Education Source Database Coverage List



Ebscohost Education Full Text Database Coverage List



# Contents

## Research Article

- 1 Levels of Achieving Plasma Leadership Behaviors of Deans in Higher Education  
**Şefika Şule Erçetin, Handan Ege** 1–18
- 2 Okul Öncesi Öğretmen Adaylarının Erken Müdahale Kavramına İlişkin Bilişsel Yapıları  
*Preservice Preschool Teachers' Cognitive Structures Regarding the Concept of Early Intervention*  
**Eslem Gözde Senöz, Berrin Akman** 19–30
- 3 Dördüncü Sınıf Öğrencilerinin Beslenme Tutumlarının Dikkat Düzeylerine Etkisi  
*The Effect of Nutrition Attitudes of Fourth Grade Students on Attention Levels*  
**Murat Nebioğlu, Ali Yıldız** 31–47
- 4 Eğitimde Yaratıcı Düşünmenin Rolü ve Önemi Açısından Gerekliliği Üzerine Bir Araştırma  
*An Investigation on the Necessity of the Creative Thinking in the Education in terms of the Role and Importance*  
**Kani Ülger** 48–66
- 5 Bağıl Değerlendirme Sisteminin Akademik ve Psikososyal Etkileri: Üniversite Öğrencilerinin Perspektifinden Bir Araştırma  
*The Academic and Psychosocial Effects of Norm-Referenced Assessment: A Research from the Perspective of University Students*  
**Levent Ertuna, Hossein Feizi Khezerlou** 67–84
- 6 Okul Yöneticilerinin Liderlik Stillerinin Öğretmenlerin Psikolojik İyi Oluş Düzeylerini Yordama Gücü  
*The Predictive Power of School Administrators' Leadership Styles on Teachers' Psychological Well- Being*  
**Elif Nur Yarar, Emine Babaoglan** 85–108