

CONTENTS

Research Articles

Assist.Prof.Dr. Mehtap SARACOĞLU, Yunus Emre ÇİFTÇİ

Serbest Etkinlik Uygulamalarının Sınıf Öğretmenlerinin Görüşlerine Göre Değerlendirilmesi..... 356-385

Evaluation of Free Event Applications According to Class Teachers' Views.....

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.692480>

Assist.Prof.Dr. Aziz İLHAN, Prof.Dr. Recep ASLANER

Cabri ve GeoGebra Yazılımları Kullanımının, Matematik Öğretmen Adaylarının Geometrik Şekiller Üzerine Akıl Yürütme Becerisine Etkisi..... 386-403

The Effects of Using Cabri and GeoGebra Software on the Geometric Shapes Reasoning Skills of Mathematics Prospective Teachers

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.698180>

Assist.Prof.Dr. Hayal YAVUZ MUMCU, Suheda MUMCU, Prof.Dr. Ünal ÇAKIROĞLU

Use of Arithmetic Operation Skills in Block Based Programming Environments: A Comparative Case Study... 404-427

Research Article/Publication Language: English

<https://doi.org/10.18009/jcer.705822>

Sena SEBİT, Assist.Prof.Dr. Senem YILDIZ

Individual and Collaborative Computerized Mind Mapping as a Pre-Writing Strategy: Effects on EFL Students' Writing..... 428-452

Research Article/Publication Language: English

<https://doi.org/10.18009/jcer.710461>

Anıl ÖZBEY, Assoc.Prof. Dr. Timur KOPARAN

Eşitlik ve Denklem Konusunda Eğitim Bilişim Ağı (EBA) Destekli Öğretimin Ortaokul Öğrencilerinin Başarı, Tutum ve Motivasyonlarına Etkisi..... 453-475

The Effect of Educational Information Network Supported Education on the Achievement, Attitude and Motivation of Middle School Students on Equality and Equation.....

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.718801>

Assoc.Prof.Dr. Fatih DOĞAN, Burcu ÖZDEMİR

Developing an Achievement Test about 7th Grade "Solar System and Beyond" Unit: Analysis of Validity and Reliability..... 476-502

Research Article/Publication Language: English

<https://doi.org/10.18009/jcer.719913>

Assist.Prof.Dr. Betül KÜÇÜK DEMİR, Muhammet Furkan SARIASLAN

Teknoloji ile Zenginleştirilmiş Ortamda Geometri Öğretiminin 6.Sınıf Öğrencilerinin Açılar Konusundaki Başarısına Etkisi..... 503-525

The Effect of Geometry Teaching on 6th Grade Students' Achievement About the Topic of Angle in the Enriched Technological Environment

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.735671>

Assoc.Prof.Dr.Burcu TOKER, Assist.Prof.Dr.Nazime TUNCAY

Statistical Analysis of Turkish Speaking Students' Phubbing Behaviors 526-544

Research Article /Publication Language: English

<https://doi.org/10.18009/jcer.739492>

**Assist.Prof.Dr.Mustafa Öztürk AKÇAOĞLU, Assist.Prof.Dr.Erkan KÜLEKÇİ,
Assist.Prof.Dr.Ezgi MOR DİRLİK**

Öğretmen Adaylarının Bakış Açısından Meslek Bilgisi Derslerinin Gereklik Düzeyi ve Öğretmenlik Mesleği Yeterlikleri.....

545-566

Teacher Candidates' Viewpoints Regarding General Competencies for Teaching Profession and the Necessity Level of Teaching Profession Courses.....

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.739602>

Dr. İsmail KESKİN, Assist.Prof.Dr.Taha YAZAR

Ortaöğretim Matematik Dersi Öğretim Programının Öğrenci Görüşlerine Göre Değerlendirilmesi.....

567-589

Evaluation of High School Mathematics Curriculum According to Student Opinions.....

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.740113>

Assist.Prof.Dr. Ayhan BULUT

Sınıf Yönetimi Becerisinin Ölçümü: Okul Öncesi Öğretmenleri Üzerine Kesitsel Bir Tarama.....

590-607

Measurement of Classroom Management Skills: A Cross Sectional Study on Preschool Teachers.....

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.741388>

Assist.Prof.Dr.Mehmet BARS, Dr. Sedef SÜER

Investigation of Preschool Preservice Teachers' Perceptions of Scientific Knowledge through Metaphor.....

608-630

Research Article/Publication Language: English

<https://doi.org/10.18009/jcer.743743>

Assist.Prof.Dr.Elif ERTEM-AKBAŞ, Prof.Dr. Adnan BAKİ

MYO Öğrencilerinin Bilgisayar Destekli Ortamda "Limit-Süreklilik" Konusundaki Öğrenmelerinin SOLO Taksonomisine Göre Değerlendirilmesi: Bir Eylem Araştırması.....

631-671

MYO Öğrencilerinin Bilgisayar Destekli Ortamda Evaluation of Students' Learning the Subject of "Limit-Continuity" in a Computer-Aided Environment according to the SOLO Taxonomy: Action Research.....

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.743769>

Güneş AKHAN ÇAĞIRTEKİN, Assoc.Prof.Dr.Cemal AKÜZÜM,

Investigation of Preschool Preservice Teachers' Perceptions of Scientific Knowledge through Metaphor.....

672-687

Research Article/Publication Language: English

<https://doi.org/10.18009/jcer.744593>

Assist.Prof.Dr.Ali İhsan BENZER, Prof.Dr. Bünyamin YILDIZ

3 Boyutlu Modelleme ve Dersine Yönelik Tutum Ölçeği: Geçerlik ve Güvenirlik Çalışması.....

Developing an Attitude Scale for Three-Dimensional Modeling and 3D Modeling Course: A Validity and Reliability Study.....

688-704

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.749364>

Assist.Prof.Dr.Murtaza AYKAÇ, Assist.Prof.Dr.Buket ASLANDAĞ, Assoc.Prof.Dr.Davut KÖĞCE

The Examination of Prospective Mathematics Teachers' Perceptions of Lifelong Learning Competencies..... 705-719

Research Article/Publication Language: English

<https://doi.org/10.18009/jcer.751476>

Assist.Prof.Dr.Murat ÇOBAN

The Experiences of the Prospective Information Technology Teachers Taking the Multimedia Design and Production Course with Project-Based Learning Method: A Case Study..... 720-737

Research Article/Publication Language: English

<https://doi.org/10.18009/jcer.758956>

Assist.Prof.Dr.Fatih GÜRCAN, Assoc.Prof.Dr. Özcan ÖZYURT

E-Öğrenme Araştırmalarındaki Temel Eğilimler ve Bilgi Alanları: 2008-2018 Yılları Arasında Yayımlanan Makalelerle Konu Modelleme Analiz..... 738-756

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.769349>

Assoc.Prof.Dr. G. Alev ÖZKÖK, Tuğçe YILMAZ

Mesleki Eğitime Yönelik Yeni Nesil Öğrenme Nesnelerinin Tasarlanması, Geliştirilmesi ve Değerlendirilmesi. Design, Development and Evaluation of New Generation Learning Objects for Vocational Education..... 757-786

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.770034>

Assoc.Prof.Dr. Gökhan DAĞHAN, Burcu HAYMANA

Kitlesel Açık Çevrimiçi Derslerle İlgili Yapılan Araştırmaların İncelenmesi: Tematik İçerik Analizi Çalışması Investigation of Research about Massive Open Online Courses (MOOCs): A Thematic Content Analysis Study..... 787-820

Research Article/Publication Language: Turkish

<https://doi.org/10.18009/jcer.772010>

Teaching Practice

Faruk ÖZTÜRK, Assist.Prof.Dr.Durmuş ÖZDEMİR,

The Effect of STEM Education Approach in Science Teaching: Photosynthesis Experiment Example 821-841

Research Article/Publication Language: English

<https://doi.org/10.18009/jcer.698445>