

## Prof. Dr. MERAL AKSU

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Eğitim Fakültesi, Eğitim Bilimleri Bölümü, Türkiye 1978 - 1981

### Yabancı Diller

İngilizce, C1 İleri

### Yaptığı Tezler

Doktora, Biçimlendirme Yetiştirmeye Dönük Değerlendirmenin Erişime Etkisi, Hacettepe Üniversitesi, Eğitim Fakültesi, Eğitim Bilimleri Bölümü, 1981

### Akademik Unvanlar / Görevler

Prof. Dr., Orta Doğu Teknik Üniversitesi, Eğitim Fakültesi, Eğitim Bilimleri Bölümü, 1974 - Devam Ediyor

### Akademik İdari Deneyim

Orta Doğu Teknik Üniversitesi, Eğitim Fakültesi, 2001 - 2010

Orta Doğu Teknik Üniversitesi, Eğitim Fakültesi, Eğitim Bilimleri Bölümü, 1998 - 2001

### Yönetilen Tezler

AKSU M., The effect of mathematics instruction based on flow theory principles enhanced with realistic mathematics education on students' achievement, retention, motivation and flow state, Doktora, Y.AY(Öğrenci), 2022

AKSU M., The effect of flipped learning on pre-service teachers' achievement and perceptions related to classroom environment, Doktora, M.ÖZÜDOĞRU(Öğrenci), 2018

AKSU M., The effects of an online course designed on mobile technologies on the use of ict skills, attitudes and self-efficacy of efl instructors, Doktora, Ö.ZENGİN(Öğrenci), 2018

AKSU M., Mobil teknolojiler üzerine dizayn edilmiş çevrimiçi kursun İngilizce öğretmenlerinin teknoloji kullanımına ve öz yeterliliklerine etkileri, Doktora, Ö.Zengin(Öğrenci), 2018

AKSU M., Developing a school based professional development program for improving technological skills and andragogical knowledge of teachers in private night high schools, Doktora, A.NUR(Öğrenci), 2018

AKSU M., The relationship between teacher reflection and teacher autonomy with respect to certain variables, Yüksek Lisans, D.ŞAHİN(Öğrenci), 2017

AKSU M., The perceptions of pre-service ELT teachers on different modes of peer feedback and its relation to teacher efficacy, Doktora, B.HATİCE(Öğrenci), 2016

AKSU M., İngiliz dili eğitimi öğretmen adaylarının farklı biçimlerdeki akran dönütlerine yönelik algıları ve öğretmen yeterlikleri ile ilişkisi, Doktora, B.Hatice(Öğrenci), 2016

AKSU M., Investigating the use of mobile-based vocabulary notebooks on students' vocabulary achievement in English language learning, Yüksek Lisans, Ö.ZENGİN(Öğrenci), 2015

AKSU M., Sınıf öğretmenlerinin sınıf-içi sosyal sorun çözme becerileri: benlik-belirleme kuramı temelli bir çalışma., Doktora, J.Ulaş(Öğrenci), 2015

AKSU M., Investigation of pre service science teachers' perceptions related to pedagogical knowledge and pedagogical content knowledge, Yüksek Lisans, F.GÜLER(Öğrenci), 2015

AKSU M., Attitudes and perceptions of Gendarmerie Non-commissioned Officers Vocational College students towards English instruction, Yüksek Lisans, A.NUR(Öğrenci), 2015

AKSU M., İngilizce öğreniminde mobil kelime defteri kullanarak öğrencilerin kelime başarılarının araştırılması., Yüksek Lisans, Ö.Zengin(Öğrenci), 2015

AKSU M., In-class social problem solving abilities of classroom teachers: A self-determination theory based study, Doktora, J.ULAŞ(Öğrenci), 2015

AKSU M., Transfer system factors on training transfer with regard to trainee characteristics and contextual variables: A case of the Central Bank of the Republic of Turkey, Doktora, O.SİNAN(Öğrenci), 2014

AKSU M., The effect of an instruction designed by cognitive load theory principles on 7th grade students' achievement in algebra topics and cognitive load, Doktora, A.TAKIR(Öğrenci), 2011

AKSU M., Perceptions of professional development at Bilkent University faculty academic English program, Doktora, P.ESMA(Öğrenci), 2011

AKSU M., Sixth grade students' conceptual and procedural knowledge and word problem solving skills in length, area, and volume measurement, Doktora, G.TAN(Öğrenci), 2010

AKSU M., An examination of the relationship between content familiar texts derived from readers interest and reading performance of English language learners at university level, Yüksek Lisans, N.ÖZTÜRK(Öğrenci), 2010

AKSU M., Okur ilgisine dayanan tanıdık içerikli metinler ile Üniversite düzeyindeki İngilizce hazırlık sınıfı öğrencilerinin okuma başarıları arasındaki ilişkinin incelenmesi., Yüksek Lisans, N.Öztürk(Öğrenci), 2010

AKSU M., Sixth, seventh and eighth grade teachers' conception of assessment, Yüksek Lisans, E.VARDAR(Öğrenci), 2010

AKSU M., The effects of cooperative learning on learning outcomes and reactions to training in an in-service training course, Doktora, S.GÖKMEN(Öğrenci), 2009

AKSU M., The effects of computer-assisted instruction on the achievement, attitudes and retention of mathematics in 4th grade courses, Doktora, O.PİLLİ(Öğrenci), 2008

AKSU M., Effects of constructivist instruction on the achievement, attitude, science process skills and retention in science teaching methods ii course, Doktora, İ.ÖNAL(Öğrenci), 2008

AKSU M., Bilgisayar destekli öğretimin 4.sınıf matematik dersindeki başarı, tutum ve kalıcılığa etkisi, Doktora, O.Pilli(Öğrenci), 2008

AKSU M., A study on the impact of authentic materials on EFL students' achievement, retention and opinions regarding two grammar units at high school level, Yüksek Lisans, H.DEMİRCAN(Öğrenci), 2004

AKSU M., Beyaz Rusya Minsk Devlet Dilbilim Üniversitesi yabancılar için Türkçe dil eğitimi programının değerlendirilmesi üzerine bir alan çalışması, Doktora, Ü.Yıldız(Öğrenci), 2004

AKSU M., The effects of students' entering characteristics and classroom environment experiences on their language learning outcomes in an efl setting in Turkey, Doktora, E.ERTUĞRUL(Öğrenci), 2004

AKSU M., Evaluation of the Turkish language teaching program for foreigners at Minks State Linguistic University in Belarus: A case study, Doktora, Ü.YILDIZ(Öğrenci), 2004

AKSU M., Anadolu öğretmen liselerinin amacına hizmet etme yeterliliği, Doktora, S.Tican(Öğrenci), 2004

AKSU M., Otantik materyallerin İngilizceyi yabancı dil olarak öğrenen lise düzeyindeki öğrencilerin iki dilbilgisi konusundaki başarı, hatırlama ve görüşleri üzerindeki etkisi., Yüksek Lisans, H.Demircan(Öğrenci), 2004

AKSU M., Effectiveness of Anatolian Teacher High School in terms of serving their intended purpose, Doktora, S.TİCAN(Öğrenci), 2004

AKSU M., Türkiye'de sanki hastalık tanısının toplumsal inşası: Klinisyenlerin tanı koyma pratiği hastaların özne

duruşlarından seslendiren anlatılar, Doktora, S.Usubütün(Öğrenci), 2003

AKSU M., An investigation on constructivist classroom characteristics in ELT methodology II course, Doktora, F.KESAL(Öğrenci), 2003

AKSU M., How students multiple intelligences differ in terms of grade level and gender, Yüksek Lisans, D.GÖĞEBAKAN(Öğrenci), 2003

AKSU M., İngilizce öğretmenliği özel öğretim yöntemleri II derslerindeki oluşturmacı sınıf özelliklerinin araştırılması, Doktora, F.Kesal(Öğrenci), 2003

AKSU M., ÖDTÜ mühendislik öğrencilerinin öğrenme stillerine yönelik betimleyici bir çalışma, Yüksek Lisans, B.Arslan(Öğrenci), 2003

AKSU M., A Descriptive study on learning styles of the engineering students at Metu, Yüksek Lisans, B.ARSLAN(Öğrenci), 2003

AKSU M., A comparison of controlled writing approach, free writing approach and an integrated approach with respect to proficiency in writing at the department of basic English, METU, Yüksek Lisans, G.Baskan(Öğrenci), 2002

AKSU M., A Comparison of controlled writing approach, free writing approach and an approach with respect to proficiency of writing at the department of basic English, METU, Yüksek Lisans, G.BASKAN(Öğrenci), 2002

AKSU M., A study on the evaluation of tourism and hotel management program at Başkent University in terms of total quality management principles, Doktora, F.MIZIKACI(Öğrenci), 2001

AKSU M., A study on the relationships between self-concept, study skills, and achievement in foreign language learning at university level, Doktora, S.Karabınar(Öğrenci), 2000

AKSU M., A needs assessment study to design an in-service training program for a research institute employees, Yüksek Lisans, N.Çakırokkalı(Öğrenci), 2000

AKSU M., A Needs assessment study to desing an in sercice training program for a research institute employees, Yüksek Lisans, N.ÇAKIROKKALI(Öğrenci), 2000

AKSU M., A Study on the relationships between self-concept, study skills, and academic achievement at university level, Doktora, S.KARABINAR(Öğrenci), 2000

AKSU M., Evaluating the English language curriculum at aprivate school in Ankara: A case study, Doktora, H.ESİN(Öğrenci), 1999

AKSU M., A Study of curriculum development for the front office on the job training of Ministry of Tourism, Doktora, Ş.ODABAŞI(Öğrenci), 1998

AKSU M., Determining and overcoming preservice elementary teachers misconceptions in interpreting and applying decimals, Doktora, O.CANKOY(Öğrenci), 1998

AKSU M., A Study of curriculum development for the front office on-the-job training of ministry of tourism., Doktora, Ş.Odabaşı(Öğrenci), 1998

AKSU M., Evaluation of physical education teacher education program at Middle East Technical University, Doktora, Ş.ÇİÇEK(Öğrenci), 1998

AKSU M., A Qualitative study on identifying the perceptions of the students, parents' advisors, school counselors about their interaction in the credit system at secondary school level, Doktora, D.Demirbulak(Öğrenci), 1997

AKSU M., The Effects of different cooperative learning methods on achievement and retention of preservice secondary school teachers, Doktora, R.ÖZKILIÇ(Öğrenci), 1997

AKSU M., The Effect of a reading course on developing reading comprehension of intermediate level students at Bilkent University school of english language, Doktora, A.Nihat(Öğrenci), 1997

AKSU M., A qualitative study on identifying the perceptions of the students, parents, advisors, school counselors about their interaction in the credit systems at secondary school level, Doktora, D.DEMİRBUŁAK(Öğrenci), 1997

AKSU M., The effects of different cooperative learning methods on achievement and retention of preservice secondary school teachers., Doktora, R.Özkılıç(Öğrenci), 1997

AKSU M., The Effect of a reading comprehension of intermediate level students of Bilkent University School of English Language, Doktora, A.NİHAT(Öğrenci), 1997

AKSU M., A case study on evaluating "the certificate for overseas teachers of english" curriculum at Bilkent University., Doktora, A.Daloğlu(Öğrenci), 1996

AKSU M., A Case study on evaluating the certifacate for overseas teachers of English curriculum at Bilkent University, Doktora, A.DALOĞLU(Öğrenci), 1996

AKSU M., The effects of information technology on the market efficiency of Turkish Securities Markets., Yüksek Lisans, A.Levent(Öğrenci), 1993

AKSU M., The Difference between cooperative learning method and traditional method in terms of students academic achievement in educational sociology course at higher educational level, Yüksek Lisans, L.ERDEM(Öğrenci), 1993

AKSU M., The difference between cooperative learning method and traditional method in terms of students' academic achievement in Educational Sociolgy course at higher educational level., Yüksek Lisans, L.Erdem(Öğrenci), 1993

AKSU M., The Social studies teachers perception of social studies goals and their colleauges, Yüksek Lisans, R.ÖZKILIÇ(Öğrenci), 1992

AKSU M., The social studies teachers' perception of social studies goals and their colleauges., Yüksek Lisans, R.Özkılıç(Öğrenci), 1992

AKSU M., A Study on the effectiveness of different teaching methods and mathematics achievement levels on achievement, retention, and attitude toward mathematics and selected topic, Doktora, H.YAVUZ(Öğrenci), 1991

AKSU M., A study on the roles and functions of the elementary school counselor as perceived by parents and teachers, Yüksek Lisans, C.Engin(Öğrenci), 1991

AKSU M., A Study on the roles and functions of the elementary school counselor as perceived by parents and teachers, Yüksek Lisans, C.ENGİN(Öğrenci), 1991

AKSU M., Assessment and analysis of prospective mathematics teachers mathematical problem-solving skills for selected variables of math-ability. Reading comprehension and attitudes toward mathematics, Doktora, M.SAYGI(Öğrenci), 1990

AKSU M., Assesment of a junior high school basic programming course with respect to achievement, attitudes, and the opinions of people involved in various degrees at Arı Lycee, Yüksek Lisans, S.Tartıcioğlu(Öğrenci), 1990

AKSU M., Assessment and analysis of prospective mathematics teachers mathematical problem-solving skills for selected variables of math-ability, reading comprehension and attitudes toward mathematics, Doktora, M.Saygı(Öğrenci), 1990

AKSU M., Assessment of a junior high school basic programming course with respect to achievement, attitudes, and the opinions of people involved in various degrees at ari lycee, Yüksek Lisans, S.TARTICIOĞLU(Öğrenci), 1990

AKSU M., Relationships of attitude toward biology classroom environment, attitude toward biology and achievement in biology, among ninth and eleventh grade greek students, Yüksek Lisans, İ.MOUTZOURÍ(Öğrenci), 1989

AKSU M., The relationship between computer attitude, mathematics attitude and knowledge about computer of prospective mathematics teachers at METU by grade level and sex, Yüksek Lisans, G.ÇALIKOĞLU(Öğrenci), 1989

AKSU M., Difference between traditional method and mathematics laboratory instruction in terms of achievement related to a probability unit, Yüksek Lisans, O.CANKOY(Öğrenci), 1989

AKSU M., The relationship between mathematics self-concept and some related characteristics of mathematics education Turkish freshman at METU, Yüksek Lisans, S.Bulut(Öğrenci), 1988

AKSU M., The Relationship between mathematics self.concept and some related charateristics of mathematics education Turkish freshmen at METU, Yüksek Lisans, S.BULUT(Öğrenci), 1988

## **SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler**

- I. **Pre-service teachers' achievement and perceptions of the classroom environment in flipped learning and traditional instruction classes**  
ÖZÜDOĞRU M., AKSU M.  
AUSTRALASIAN JOURNAL OF EDUCATIONAL TECHNOLOGY, cilt.36, sa.4, ss.27-43, 2020 (SSCI)
- II. **A Study on Sixth Grade Students' Misconceptions and Errors in Spatial Measurement: Length, Area, and Volume**  
TAN ŞİŞMAN G., AKSU M.  
INTERNATIONAL JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION, cilt.14, sa.7, ss.1293-1319, 2016 (SSCI)
- III. **The effects of computer-assisted instruction on the achievement, attitudes and retention of fourth grade mathematics students in North Cyprus**  
Pilli O., AKSU M.  
COMPUTERS & EDUCATION, cilt.62, ss.62-71, 2013 (SCI-Expanded)
- IV. **Sixth Grade Students' Performance on Length, Area, and Volume Measurement**

Sisman G. T., AKSU M.

EGITIM VE BILIM-EDUCATION AND SCIENCE, cilt.37, sa.166, ss.141-154, 2012 (SSCI)

V. **THE LENGTH MEASUREMENT IN THE TURKISH MATHEMATICS CURRICULUM: ITS POTENTIAL TO CONTRIBUTE TO STUDENTS' LEARNING**

Tan-Sisman G., AKSU M.

INTERNATIONAL JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION, cilt.10, sa.2, ss.363-385, 2012 (SSCI)

VI. **Who are the future teachers in Turkey? Characteristics of entering student teachers**

AKSU M., Demir C. E., DALOĞLU A., Yildirim S., Kiraz E.

INTERNATIONAL JOURNAL OF EDUCATIONAL DEVELOPMENT, cilt.30, sa.1, ss.91-101, 2010 (SSCI)

VII. **Students' preferences on web-based instruction: linear or non-linear**

CAGILTAY N. E., Yildirim S., Aksu M.

EDUCATIONAL TECHNOLOGY & SOCIETY, cilt.9, sa.3, ss.122-136, 2006 (SSCI)

VIII. **Students Beliefs about Mathematics A Descriptive Study**

AKSU M., ENGİN DEMİR C., SÜMER Z.

Eğitim Ve Bilim-Education And Science, cilt.27, ss.72-77, 2002 (SSCI)

IX. **Matematik Öğretiminde Bilgisayar Kullanımı**

AKSU M.

Eğitim ve Bilim, sa.54, ss.12-26, 1985 (SSCI)

## **Diğer Dergilerde Yayınlanan Makaleler**

I. **Öğretmen Adaylarının Eğitim Görüşlerinin Farklı Değişkenlere Göre İncelenmesi**

KİRAZ E., ENGİN DEMİR C., AKSU M., DALOĞLU A., YILDIRIM İ. S.

ELEMENTARY EDUCATION ONLINE, sa.9, ss.526-540, 2021 (Scopus)

II. **Blended learning at pre-service teacher education in Turkey: A systematic review**

ATMACASOY A., AKSU M.

EDUCATION AND INFORMATION TECHNOLOGIES, cilt.23, sa.6, ss.2399-2422, 2018 (ESCI)

III. **A Review Study on the Integration of Technology into Foreign Language Education in Turkey**

ZENGİN Ö., AKSU M.

Ankara University Journal of Faculty of Educational Sciences, cilt.50, sa.2, ss.79-104, 2017 (Hakemli Dergi)

IV. **Geleceğin Öğretmenlerinin Demografik Sosyokültürel Özellikleri ve Eğitim Görüşleri**

AKSU M.

Türkiye Özel Okullar Derneği Dergisi, cilt.8, sa.33, ss.8-10, 2015 (Hakemsiz Dergi)

V. **The Relationship between Cognitive Distortions and Forgiveness in Romantic Relationships**

AKSU M.

International Journal of Human Sciences, cilt.12, sa.1, ss.1338-1349, 2015 (Hakemli Dergi)

VI. **Investigating Educational Views of Prospective Teachers According to Different Variables**

DALOĞLU A., KİRAZ E., ENGİN DEMİR C., AKSU M., YILDIRIM İ. S.

ELEMENTARY EDUCATION ONLINE, cilt.9, sa.2, ss.526-540, 2010 (Hakemli Dergi)

VII. **Does Fulbright Make a Difference: The Turkish Perspective**

ENGİN DEMİR C., AKSU M.

The Journal of Studies in International Education, cilt.4, sa.1, ss.103-111, 2000 (Hakemli Dergi)

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

I. **Blended learning at pre-service teacher education in Turkey: A systematic review**

ATMACASOY A., AKSU M.

5th International Curriculum and Instruction Congress, Muğla, Türkiye, 26 - 28 Ekim 2017

II. **Preservice Science Teachers Perceptions related to their Pedagogical knowledge**

AKSU M., GÜLER F.

ECER 2017, İsveç, 22 - 25 Ağustos 2017

- III. **Perceptions of Students Graduates and Instructors on a Graduate Program**  
Yıldırım Taştı Ö. F., YILMAZ E., ENGİN DEMİR C., AKSU M.  
EPÖDER -ICCI EPOK 2016, 27 - 30 Ekim 2016
- IV. **The Relationship between Pre Service Teachers Epistemological Beliefs and Their Views on Critical Pedagogy**  
YILMAZ E., AKSU M.  
XVIII CONGRESS AMSE-AMCE-WAERTeaching and Training Today for Tomorrow, 30 Mayıs - 02 Haziran 2016
- V. **Evaluating of Human Resource Development Education Graduate Program The METU Case**  
AKSU M., ENGİN DEMİR C., YILMAZ E., YILDIRIM Ö. F.  
London International Conference on Education, 9 - 11 Kasım 2015
- VI. **Changing Higher Education Challenges for Curriculum and Instruction**  
AKSU M.  
The Third International Conference on Curriculum and Instruction: Curriculum Studies in Higher Education, Adana, Türkiye, 22 - 24 Ekim 2015
- VII. **Development of Teacher Autonomy Scale for Turkish Teachers**  
Ulas J., AKSU M.  
5th World Conference on Learning, Teaching and Educational Leadership, WCLTA 2014, Prague, Çek Cumhuriyeti, 29 - 31 Ekim 2014, cilt.186, ss.344-349
- VIII. **Seventh grade students' understanding of linear measurement: what has been learned about linear measurement in seven years of schooling process?**  
Sisman G. T., AKSU M.  
4th World Conference on Educational Sciences (WCES), Barcelona, İspanya, 2 - 05 Şubat 2012, cilt.46, ss.1905-1909

## Desteklenen Projeler

ENGİN C., AKSU M., YILDIRIM TAŞTI Ö. F., YILMAZ E., Yükseköğretim Kurumları Destekli Proje, Eğitimde İnsan Kaynaklarını Geliştirme Programının Değerlendirilmesi, 2015 - 2016

## Metrikler

Yayın: 25

Atıf (WoS): 186

Atıf (Scopus): 140

H-İndeks (WoS): 6

H-İndeks (Scopus): 4

## Akademi Dışı Deneyim

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