

Assoc. Prof. ŞERİFE SEVİNÇ

Personal Information

Office Phone: [+90 312 210 7516](tel:+903122107516)

Email: sserife@metu.edu.tr

Web: <https://avesis.metu.edu.tr/sserife>

International Researcher IDs

ScholarID: xUfFJXEAAAAJ

ORCID: 0000-0002-4561-9742

Publons / Web Of Science ResearcherID: AAZ-8440-2020

ScopusID: 57201946311

Yoksis Researcher ID: 167647

Education Information

Doctorate, Indiana University Bloomington, School of Education, Curriculum and Instruction - Mathematics Education, United States Of America 2010 - 2016

Postgraduate, Middle East Technical University, Graduate School of Social Sciences, Fen Ve Matematik Eğitimi (YI) (Tezli), Turkey 2006 - 2010

Undergraduate Minor, Middle East Technical University, Faculty of Arts and Sciences, Department of Mathematics, Turkey 2002 - 2006

Undergraduate, Middle East Technical University, Faculty of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 2001 - 2006

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Vocational Training, Professional Trainer of MAXQDA Software for Qualitative Data Analysis and Visualization; , MAXQDA: Qualitative Data Analysis Software, 2016

Vocational Training, Mathematical Quality of Instruction (MQI) Instrument Certification , Harvard University, 2014

Dissertations

Doctorate, Unpacking Teacher Knowledge for Bridging In- and Out-of-School Mathematics Using Mathematically-Rich And Contextually-Realistic Problems, Indiana University Bloomington, 2016

Postgraduate, The effects of a mathematics teaching methods course on pre-service elementary mathematics teachers' content knowledge for teaching mathematics, Middle East Technical University, Graduate School of Social Sciences, Fen Ve Matematik Eğitimi (YI) (Tezli), 2008

Research Areas

Social Sciences and Humanities, Education, Elementary School Education, Teacher Training For Elementary Sch. Edu. in Mathematics, Teacher Training in Science and Math. at Second. Sch. Lev.

Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty of Education, Mathematics and Science Education, 2017 - Continues

Research Assistant PhD, Middle East Technical University, Faculty of Education, Mathematics and Science Education, 2016 - 2017

Research Assistant, Middle East Technical University, Faculty of Education, Mathematics and Science Education, 2006 - 2016

Academic and Administrative Experience

Disability Services Unit Director, Middle East Technical University, Presidency Office, Presidency Office, 2019 - 2024

Ethics Committee Member, Middle East Technical University, Graduate School Of Social Sciences, 2019 - 2024

Erasmus Program Institutional Coordinator, Middle East Technical University, Faculty Of Education, Mathematics And Science Education, 2018 - 2024

Member of Unit Strategic Planning Commission, Middle East Technical University, Faculty Of Education, Mathematics And Science Education, 2018 - 2023

Member of Unit Quality Commission, Middle East Technical University, Faculty Of Education, Mathematics And Science Education, 2018 - 2023

FBE Araştırma Teşvik Komisyonu Üyeliği, Middle East Technical University, Graduate School of Natural and Applied Sciences, 2018 - 2020

Courses

PRACTICE TEACHING IN ELEMENTARY EDUCATION, Undergraduate, 2019 - 2020, 2018 - 2019

SCHOOL EXPERIENCE, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

QUALITATIVE RESEARCH, Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019

NATURE OF MATHEMATICAL KNOWLEDGE FOR TEACHING, Undergraduate, 2020 - 2021, 2017 - 2018

DIGITAL TOOLS IN QUALITATIVE INQUIRY, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Teaching Elementary School Mathematics , Undergraduate, 2019 - 2020

COMMUNITY SERVICE, Undergraduate, 2017 - 2018

Advising Theses

Sevinç Ş., AN INVESTIGATION OF MIDDLE SCHOOL MATHEMATICS TEACHERS' VIEWS ABOUT FERMI PROBLEMS AND THEIR PROBLEM-SOLVING STRATEGIES IN FERMI PROBLEMS, Postgraduate, E.DEDE(Student), 2023

Sevinç Ş., Middle school students' quantitative reasoning in pictorial, symbolic and iconographic problems, Postgraduate, A.UYGUÇ(Student), 2023

Sevinç Ş., PEDAGOGICAL TAKEAWAYS OF MIDDLE SCHOOL MATHEMATICS TEACHERS AFTER EMERGENCY REMOTE TEACHING EXPERIENCES DUE TO COVID-19, Postgraduate, D.NUR(Student), 2023

SEVİNÇ Ş., Preservice primary teachers' mental computation strategies in structurally-related addition and subtraction problems, Postgraduate, E.ÇELİKKOL(Student), 2022

SEVİNÇ Ş., An investigation on seventh grade students' mathematical and environmental learning residuals in model-

eliciting activities, Postgraduate, G.BAKTEMUR(Student), 2022

SEVİNÇ Ş., An investigation of a case of Turkish and Syrian seventh grade students' mathematical modeling processes, Postgraduate, S.MAVİ(Student), 2022

SEVİNÇ Ş., An investigation on 6th grade students' modeling process in the fermi problems considering the proximity of the problem context to students' daily lives, Postgraduate, B.ARICAN(Student), 2022

SEVİNÇ Ş., An investigation on theses and dissertations on mathematical modeling in Turkey in the last two decades., Postgraduate, D.Koç(Student), 2020

SEVİNÇ Ş., An Investigation on seventh grade students' use of bar model method in solving algebraic word problems, Postgraduate, E.Baysal(Student), 2019

Sevinç Ş., An investigation of seventh grade students' understanding of negative integers via mathematics history-based model-eliciting activities, Postgraduate, B.Ay(Student), 2019

Designed Lessons

Sevinç Ş., Teaching Elementary School Mathematics , Undergraduate, 2019 - 2020

Sevinç Ş., DIGITAL TOOLS IN QUALITATIVE INQUIRY , Doctorate, 2017 - 2018

Taught Courses And Trainings

Sevinç Ş., MAXQDA Programı ile Nitel Veri Analizi ve Görselleştirilmesi: Başlangıç Seviyesi (online), 2021 - 2021

Sevinç Ş., Sosyal Bilimler Araştırmalarında Nitel Veri Analizi ve Görselleştirilmesi : MAXQDA Programı , 2018 - 2018

Sevinç Ş., Sosyal Bilimler Araştırmalarında Nitel Veri Analizi ve Görselleştirilmesi : MAXQDA Programı , 2017 - 2017

Sevinç Ş., Sosyal Bilimler Araştırmalarında Nitel Veri Analizi ve Görselleştirilmesi : MAXQDA Programı , 2017 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Knowledge-in-action for crafting mathematics problems in realistic contexts**
Sevinç Ş.
JOURNAL OF MATHEMATICS TEACHER EDUCATION, vol.26, no.4, pp.533-565, 2023 (SSCI)
- II. **Preservice mathematics teachers' conceptions of mathematically rich and contextually realistic problems**
SEVİNÇ Ş., Lesh R.
JOURNAL OF MATHEMATICS TEACHER EDUCATION, vol.25, no.6, pp.667-695, 2022 (SSCI)
- III. **Toward a reconceptualization of model development from models-and-modeling perspective in mathematics education**
SEVİNÇ Ş.
EDUCATIONAL STUDIES IN MATHEMATICS, vol.109, no.3, pp.611-638, 2022 (SSCI)
- IV. **A boundary of the second multiplicative concept: the case of Milo**
Hackenberg A. J., SEVİNÇ Ş.
EDUCATIONAL STUDIES IN MATHEMATICS, vol.109, no.1, pp.177-193, 2022 (SSCI)

Articles Published in Other Journals

- I. **Bar model method as a problem-solving heuristic: an investigation of two preservice teachers' solution paths in problems involving ratio and percentage**
SEVİNÇ Ş., Lizano C.
MATHEMATICS EDUCATION RESEARCH JOURNAL, vol.36, no.1, pp.71-95, 2024 (ESCI)
- II. **The development of elementary teachers' personal meanings of problem-solving through engaging**

in open-ended tasks

SEVİNÇ Ş., Cross Francis D., Hudson R., Liu J.
Mathematics Education Research Journal, 2024 (ESCI)

- III. **Pre-service mathematics teachers' personal meanings proclaiming about the characteristics of realistic mathematics problems**
SEVİNÇ Ş.
Mathematics Education Research Journal, 2024 (ESCI)
- IV. **İlköğretim Matematik Öğretmen Adaylarının Sayıları ve İşlemleri Gösterimler Yoluyla Anlamlandırması**
KAYHAN ALTAY M., SEVİNÇ Ş.
Başkent University Journal of Education, vol.10, no.2, 2023 (Peer-Reviewed Journal)
- V. **Middle school students' construction of reciprocal reasoning with unknowns**
Hackenberg A. J., SEVİNÇ Ş.
Journal of Mathematical Behavior, vol.65, 2022 (ESCI)
- VI. **Pre-Service Mathematics Teachers' Web of Knowledge Recalled for Mathematically Rich and Contextually Realistic Problems**
SEVİNÇ Ş., Lesh R.
European Journal of Science and Mathematics Education, vol.10, no.4, pp.471-494, 2022 (Scopus)
- VII. **The role of the Singapore bar model in reducing students' errors on algebra word problems**
Baysal E., SEVİNÇ Ş.
INTERNATIONAL JOURNAL OF MATHEMATICAL EDUCATION IN SCIENCE AND TECHNOLOGY, vol.53, pp.289-310, 2022 (ESCI)
- VIII. **Noticing Student Mathematical Thinking: Self-Contemplation of a Pre-Service Teacher**
Sevinc Ş., Galindo E.
EUROPEAN JOURNAL OF SCIENCE AND MATHEMATICS EDUCATION, vol.10, no.2, pp.154-169, 2022 (Scopus)
- IX. **Karikatürlerdeki Matematik, Matematik Öğretmenleri ve Öğrenciler**
Toker H., Sevinç Ş.
Ankara Üniversitesi Eğitim Bilimleri Fakültesi Dergisi, vol.54, no.1, pp.1-34, 2021 (Peer-Reviewed Journal)
- X. **Investigation of middle school students' unit coordination levels in mathematics problems involving multiplicative relations**
Acar F., SEVİNÇ Ş.
Elementary Education Online, vol.20, no.1, pp.90-114, 2021 (Scopus)
- XI. **Investigation of Individual and Group Development of Prospective Mathematics Teachers in Modeling Activity**
Sevinç Ş., Melek Z.
Başkent University Journal of Education, vol.7, no.1, pp.1-19, 2020 (Peer-Reviewed Journal)
- XII. **An Alternative Approach to Solving Algebra Word Problems: Singapore Bar Model Method**
Baysal E., Sevinç Ş.
İnönü Üniversitesi Eğitim Fakültesi Dergisi, vol.21, no.2, pp.942-962, 2020 (Peer-Reviewed Journal)
- XIII. **Training mathematics teachers for realistic math problems: a case of modeling-based teacher education courses**
Sevinç Ş., Lesh R.
ZDM-MATHEMATICS EDUCATION, vol.50, pp.301-314, 2018 (Peer-Reviewed Journal)
- XIV. **Problem Solving in the Primary School (K-2)**
Lesh R., English L., Riggs C., Sevis Ş.
THE MATHEMATICS ENTHUSIAST, vol.10, no.1, pp.35-60, 2013 (Scopus)
- XV. **Origamiyle matematik**
Seviş Ş.
İlköğretim Egitimci Dergisi, vol.13, pp.12-16, 2007 (Non Peer-Reviewed Journal)
- XVI. **Okul öncesi dönemde matematik eğitimi (Mathematics education in early childhood period). [Book Review]**

SEVİNÇ Ş.

Elementary Education Online, vol.6, pp.6-7, 2007 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **21. Yüzyıl becerilerini disiplinler arası bakış açısıyla destekleyen matematiksel modelleme yaklaşımı**
Sevinç Ş.
in: Matematik Eğitiminde Yenilikçi Teknolojiler , E. Yıldız,İ. Arpacı, Editor, Nobel Yayın Dağıtım, Ankara, pp.33-55, 2021
- II. **Models-and-Modelling Perspective Through the Eyes of Jean Piaget**
Sevinç Ş.
in: Mathematical Modelling Education in East and West. International Perspectives on the Teaching and Learning of Mathematical Modelling, Leung F.K.S.,Stillman G.A.,Kaiser G.,Wong K.L., Editor, Springer Nature, Zug, pp.79-89, 2021
- III. **21. Yüzyılda Matematik Öğrenme Hedefli Sınıf-İçi Değerlendirme**
Sevinç Ş., Kaplan Can G., Haser Ç.
in: Matematik Öğretiminin Temelleri: Ortaokul, Hacıömeroğlu Güney,Tarım Kamuran, Editor, Anı Yayıncılık, Ankara, pp.431-456, 2019
- IV. Mumcu F., Uslu N. A., Yıldız B., Sevinç Ş., Kaya G.
in: , Filiz Mumcu,Nilüfer Atman Uslu,Bahadır Yıldız,Şerife Sevinç,Gökhan Kaya, Editor, E-kitap, Ankara, pp.12-15, 2019
- V. **Kindergarteners' and First-Graders' Development of Numbers Representing Length and Area: Stories of Measurement**
Sevinç Ş., Brady C.
in: Mathematical Learning and Cognition in Early Childhood, Robinson K.,Osana H.,Kotsopoulos D., Editor, Springer, London/Berlin , Zug, pp.115-137, 2019
- VI. **Extending the reach of the models and modelling perspective: A course-sized research site**
Brady C., Lesh R., Sevis Ş.
in: Mathematical modelling in education research and practice: Cultural, social and cognitive influences , G. A. Stillman,W. Blum,M. S. Biembengut, Editor, Springer, London/Berlin , Basel, pp.55-66, 2015
- VII. **Modeling as a means for making powerful ideas accessible to children at an early age**
Lesh R., English L., Sevis Ş., Riggs C.
in: The SimCalc vision and contributions: Democratizing access to important mathematics , S. Hegedus,J. Roschelle, Editor, Springer, London/Berlin , Dordrecht, pp.419-436, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Öğretmen Adaylarının Matematiksel Modelleme Etkinliklerinin Programa Uygunluğu Hakkındaki Görüşleri**
GÜN F., SEVİNÇ Ş.
Uluslararası Türk Bilgisayar ve Matematik Eğitimi (TÜRKİLMAT-6) Sempozyumu, Ankara, Turkey, 28 - 30 October 2023
- II. **Developing local representative solutions Fermi problems**
ALBARRACIN L., ARLEBACK J. B., SEVİNÇ Ş., FERRANDO PALOMARES I., OREY D., ROSA M.
21st International Conference on the Teaching of Mathematical Modelling and Applications (ICTMA21), Awaji Island, Japan, 10 - 15 September 2023
- III. **Characteristics of the modeling problems posed by prospective mathematics teachers**
SEVİNÇ Ş.
21st International Conference on the Teaching of Mathematical Modelling and Applications (ICTMA21), Awaji Island, Japan, 10 - 15 September 2023

- IV. **Cognitive and affective analysis based on two samples of Spanish and Turkish prospective teachers' solving a modelling task**
FERRANDO PALOMARES I., SEVİNÇ Ş.
13th Congress of the European Society for Research in Mathematics Education (CERME13), Budapest, Hungary, 10 - 14 July 2023
- V. **A framework for exploring the use of Fermi problems to elicit students' and pre-service teachers' intercultural awareness in mathematics classrooms**
ARLEBACK J. B., SEVİNÇ Ş., ALBARRACIN L., OREY D., FERRANDO PALOMARES I., ROSA M.
13th Congress of the European Society for Research in Mathematics Education (CERME13), Budapest, Hungary, 10 - 14 July 2023
- VI. **Developing an Integrated Framework For Analyzing Ways of Reasoning in Mathematics**
SEVİNÇ Ş., Kohanova I., ISIKSAL BOSTAN M., Kubacek Z., İŞLER BAYKAL I., Lada M., ÇAKIROĞLU E., di paola b.
15th annual International Conference of Education, Research and Innovation, Spain, 09 November 2022
- VII. **The Role of Representational Images in Fermi Problems: A Study on Prospective Teachers' Mathematical Modeling**
Sevinç Ş., Ferrando Palomares I.
ICTMA20-The 20th International Conference on the Teaching of Mathematical Modelling and Applications (Online Conference), 24 - 27 September 2022
- VIII. **Eliciting Cultural Aspects in Modeling Processes Using Fermi Problems**
Albarracın L., Arleback J. B., Ferrando Palomares I., Orey D., Rosa M., Sevinç Ş.
ICTMA20-The 20th International Conference on the Teaching of Mathematical Modelling and Applications (Online Conference), 24 - 27 September 2022
- IX. **Turkish and Spanish Prospective Mathematics Teachers' Solutions to a Fermi-Based Modeling Problem**
Sevinç Ş., Ferrando Palomares I.
Twelfth Congress of the European Society for Research in Mathematics Education (CERME 12), 2 - 06 February 2022, pp.1-9
- X. **İlkokul 3. Sınıf Öğrencilerinin Çıkarma Problemlerinin Çözümünde Kullandıkları Stratejiler**
Sevinç Ş., Elma S. E., Çelik B.
Uluslararası Türk Bilgisayar ve Matematik Eğitimi (TÜRKBİLMAT-5) Sempozyumu, Antalya, Turkey, 28 - 30 October 2021, pp.29-30
- XI. **Toker H., Acar F., Sevinç Ş.**
Uluslararası Türk Bilgisayar ve Matematik Eğitimi (TÜRKBİLMAT-5) Sempozyumu, Antalya, Turkey, 28 - 30 October 2021, pp.292-294
- XII. **İlkokul 2. Sınıf Öğrencilerinin Gizlenmiş Nesne Problemlerinin Çözümünde Kullandıkları Toplama ve Çıkarma Stratejileri**
Sevinç Ş., Köymen D. N., Aktürk G., Erden M. S.
Uluslararası Türk Bilgisayar ve Matematik Eğitimi (TÜRKBİLMAT-5) Sempozyumu, Antalya, Turkey, 28 - 30 October 2021, pp.4-7
- XIII. **İlkokul Birinci Sınıf Öğrencilerinin Bilinmeyen Toplananın Sorulduğu Problemlerde Kullandıkları Stratejiler**
Sevinç Ş., Dede E., Balcı E.
Uluslararası Türk Bilgisayar ve Matematik Eğitimi (TÜRKBİLMAT-5) Sempozyumu, Antalya, Turkey, 28 - 30 October 2021, pp.86-87
- XIV. **Integration of mathematics history into model-eliciting activities for making sense of negative integers**
Sevinç Ş., Ay B.
Forty-Third Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA 43), Pennsylvania, United States Of America, 14 - 17 October 2021, pp.235-244
- XV. **Exploring Work-related well-being of Preschool Teachers in the Period of Covid-19 Pandemic**
Gülhan M., Sevinç Ş., Karan Ş., Çetken H. Ş., Mentеше Y.

30th EECERA ANNUAL CONFERENCE, London, United Kingdom, 1 - 17 September 2021, pp.17-18

- XVI. **Matematik Öğretmen Adaylarının Deneyimledikleri 21.yy Becerileri: Boyalı Küp Problemi**
Kaplan Can G., Sevinç Ş.
14. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Burdur, Turkey, 19 - 21 May 2021, pp.331
- XVII. **Matematik Öğretmenlerinin ve Öğretmen Adaylarının Matematik Kavramına Yönelik Algılarının İncelenmesi**
Çelikkol E., Toker H., Sevinç Ş.
14. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi, Burdur, Turkey, 19 - 21 May 2021, pp.127
- XVIII. **Pre-service mathematics teachers understanding of geometric concepts through writing jokes**
Çaylan Ergene B., Sevinç Ş., Ergene Ö.
British Society for Research into Learning Mathematics (BSRLM) New Researchers' Virtual Day Conference, 03 July 2020, vol.40, no.2, pp.1-6
- XIX. **How Does Subjectivity Differ in Qualitative and Quantitative Research?**
Acar F., Sevinç Ş., Caylan B., Güzeller G.
The Qualitative Report Eleventh Annual Conference, Florida, United States Of America, 14 - 17 January 2020
- XX. **Subjectivity in participant and researcher generated data in qualitative research**
Dışbudak Kuru Ö., Toker H., Özdoğan Z., Sevinç Ş.
The Qualitative Report Eleventh Annual Conference, Florida, United States Of America, 14 - 17 January 2020
- XXI. **STRATEGİES USED BY FİRST GRADE STUDENTS İN THE PROCESS OF SOLVİNG JOİN PROBLEMS**
Aytekin E., Çakıroğlu E., Sevinç Ş., Isıksal Bostan M., Kandil S.
2. Uluslararası Temel Eğitim Kongresi (UTEK 2019), Muğla, Turkey, 23 - 27 October 2019
- XXII. **Piagetian and Vygotskian Roots of the Models-and-Modeling Perspective in mathematics education**
Sevinç Ş.
19th International Conference on the Teaching of Mathematical Modelling and Applications (ICTMA19), Victoria-City, Hong Kong, 21 - 26 July 2019
- XXIII. **Assessment of modelling competencies in early years (K-2 Level): a toolkit for teachers and researchers**
Sevinç Ş.
19th International Conference on the Teaching of Mathematical Modelling and Applications (ICTMA19), Victoria-City, Hong Kong, 21 - 26 July 2019
- XXIV. **ORTAOKUL ÖĞRENCİLERİNİN BİRİM KOORDİNASYON DÜZEYLERİNİN TESPİTİ**
ACAR F., SEVİNÇ Ş.
Uluslararası Türk Bilgisayar ve Matematik Eğitimi (TÜRKBİLMAT-4) Sempozyumu, Turkey, 26 - 28 September 2019
- XXV. **Karikatürlerdeki Matematik**
Toker H., Sevinç Ş.
Uluslararası Türki Bilgisayar ve Matematik Eğitimi Sempozyumu, İzmir, Turkey, 26 - 28 September 2019
- XXVI. **Matematik Öğretmen Adaylarının Matematiksel Modelleme Etkinliklerinde Geliştirdikleri Grup Modellerine Yön Veren Etmenler**
MELEK Z., SEVİNÇ Ş.
13. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi (UFBMEK 2018), Denizli, Turkey, 4 - 06 October 2018
- XXVII. **Matematik Bölümü ve Matematik Eğitimi Bölümü Öğretim Üyelerinin İspat Anlayışları**
SEVİNÇ Ş., MAVİ S.
13. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi (UFBMEK 2018), Denizli, Turkey, 4 - 06 October 2018
- XXVIII. **1. Sınıf Öğrencilerinin Çıkarma Problemleri Çözerken Kullandıkları Toplama Stratejileri**
SEVİNÇ Ş., İSİKSAL BOSTAN M., ÇAKIROĞLU E., KANDİL S.
13. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi (UFBMEK 2018), Denizli, Turkey, 4 - 06 October 2018
- XXIX. **1. sınıf öğrencilerinin çıkarma problemleri cozerken kullandıkları toplama stratejileri**
Sevinç Ş., İşıksal Bostan M., Çakıroğlu E., Kandil S.
13. Ulusal Fen Bilimleri Ve Matematik Eğitimi Kongresi, Denizli, Turkey, 4 - 06 October 2018
- XXX. **First Grade Students' Counting Strategies**
KANDİL S., İSİKSAL BOSTAN M., SEVİNÇ Ş., ÇAKIROĞLU E.

International Congress on Science and Education (ICSE2018), 28 - 30 September 2018, pp.427-428

- XXXI. **Developing First Graders' Number Sense Through Subitizing Activities**
Şeker V., Karaca E. T., Sevinç Ş., Çakroğlu E., Işıksal Bostan M.
European Educational Research Association, Bolzano, Italy, 4 - 07 September 2018
- XXXII. **Code matrix: A methodological way of presenting historical change of knowledge of pre-service mathematics teachers**
Sevinç Ş.
American Educational Research Association (AERA) 2018 Annual Meeting, Florida, United States Of America, 13 - 17 April 2018
- XXXIII. **1. Sınıf Öğrencilerinin Problem Kurma Deneyimleri**
Çakroğlu E., Karaca E. T., Sevinç Ş., Işıksal Bostan M., Şeker V.
17. Uluslararası Sınıf Öğretmenliği Sempozyumu, Ankara, Turkey, 11 - 14 April 2018
- XXXIV. **Coda: A way to portray qualitative researcher**
Sevis Ş., Özdoğan Z.
The Qualitative Report Ninth Annual Conference, Florida, United States Of America, 11 - 13 January 2018, pp.1-2
- XXXV. **Researcher analyzing own ways of thinking: Researcher vs. participant, or both?**
Sevis Ş.
The Qualitative Report Ninth Annual Conference, Florida, United States Of America, 11 - 13 January 2018
- XXXVI. **Mathematics Teachers' Take-Aways from Morning Math Problems in a Long-Term Professional Development Project**
SEVİŞ Ş., CROSS D., HUDSON R.
39th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education, 5 - 08 October 2017
- XXXVII. **Matematik Problem Çözümünde Aritmetik Yötemden Cebirsel Yöteme Geçişte Şerit Modelin Etkisinin İncelenmesi**
SEVİŞ Ş.
IVth International Eurasian Educational Research Congress, 11 - 14 May 2017
- XXXVIII. **Data Analysis Experiences: Self-Produced vs. Alien Data**
SEVİŞ Ş., ÖZDOĞAN Z.
The Qualitative Report Eighth Annual Conference, 12 - 14 January 2017
- XXXIX. **Word clouds: Not only to visualize but also to analyze**
SEVİŞ Ş.
12th International Congress of Qualitative Inquiry (ICQI), 18 - 21 May 2016
- XL. **Triangulation: Who are the actors behind the scenes?**
SEVİŞ Ş., KANDİL S., ELİUSTAOĞLU E., ÖZDOĞAN Z.
12th International Congress of Qualitative Inquiry (ICQI), 18 - 21 May 2016
- XLI. **Modeling research as an alternative research methodology in mathematics education**
SEVİŞ Ş.
American Educational Research Association (AERA) 2016 Annual Meeting, 8 - 12 April 2016
- XLII. **Multi-tier and multi-cycle modeling research: A praxis**
SEVİŞ Ş.
The Qualitative Report Seventh Annual Conference, 14 - 16 January 2016
- XLIII. **For the sake of mathematics education research, MAXQDA: An alternative analysis way for solutions of algebraic word problems**
SEVİŞ Ş.
11th International Congress of Qualitative Inquiry (ICQI), 20 - 23 May 2015
- XLIV. **On a learning trajectory for reciprocal reasoning with quantitative unknowns**
HACKENBERG A., SEVİŞ Ş.
American Educational Research Association (AERA) 2015 Annual Meeting, 16 - 20 April 2015
- XLV. **Positioning in the discourse of pre-service elementary teachers in algebraic word problems**
Özdoğan Z., Sevis Ş.

American Educational Research Association (AERA) 2015 Annual Meeting, Illinois, United States Of America, 16 - 20 April 2015

XLVI. Piagetian roots of models-and-modeling perspective in mathematics education

SEVİŞ Ş., LESH R.

Annual Conference of the Jean Piaget Society 2014, 29 - 31 May 2014

XLVII. The role of mathematics teacher education curriculum on Turkish pre-service mathematics teachers' content knowledge for teaching mathematics

SEVİŞ Ş.

American Educational Research Association (AERA) 2014 Annual Meeting, 3 - 07 April 2014

XLVIII. Investigating Differentiated Mathematics Instruction in Middle School

HACKENBERG A., AYDENİZ F., CREAGER M., EKER A., JONES R., SEVİŞ Ş.

Curriculum and Instruction Research and Creative Activity Symposium (CIRCAS), 28 February 2014

XLIX. Pre-service Teachers' Conceptions about Realistic Mathematics Problems

SEVİŞ Ş.

Indiana Mathematics Education Symposium (IMERS), 22 March 2013

L. An investigation on students' degree of acquisition related to van Hiele level of geometric reasoning: A case of 6-8th graders in Turkey

KOÇ Y., ISIKSAL BOSTAN M., SEVİŞ Ş., OSMANOĞLU A., ÇETİNKAYA B., AŞKUN C. S., BULUT S.

Eighth Congress of European Research in Mathematics Education (CERME 8), 6 - 10 February 2013

LI. The effect of the methods course on prospective mathematics teachers' knowledge for teaching related to numbers and algebra concepts

OSMANOĞLU A., ISIKSAL BOSTAN M., KOC Y., SEVİŞ Ş.

International Conference on New Horizons in Education (INTE), 5 - 07 June 2012

LII. A Pre-Service Teacher's Development of Understanding Students' Thinking during Field Experience

SEVİŞ Ş.

Indiana Mathematics Education Symposium (IMERS), 30 March 2012

LIII. Solo modeli ile uzamsal gorselleştirme becerilerinin ölçülmesi

KOC Y., ISIKSAL BOSTAN M., OSMANOĞLU A., ÇETİNKAYA B., AŞKUN C. S., BULUT S., SEVİŞ Ş., ESEN Y.

10. Matematik Sempozyumu, Turkey, 21 - 23 September 2011

LIV. Pre-service Teachers' content and pedagogical content knowledge structures about multiplication algorithm and area-perimeter relations: What is the role of teaching methods courses?

KOC Y., ISIKSAL BOSTAN M., SEVİŞ Ş., ÇAKMAK S., BULUT S.

American Educational Research Association (AERA) 2010 Annual Meeting, 30 April - 04 May 2010

LV. Pre-service teachers' pedagogical content knowledge structures: What is the effect of methods courses?

SEVİŞ Ş., KOC Y., ISIKSAL BOSTAN M., BULUT S.

The European Conference on Educational Research (ECER), 10 - 12 September 2008

LVI. Matematik ve oyun

SEVİŞ Ş.

Ulusal Matematik Egitimi Öğrenci Sempozyumu, Turkey, 4 - 06 September 2006

Supported Projects

SEVİNÇ Ş., GÜRKANLI C. H., DİLBEROĞLU M., Project Supported by Higher Education Institutions, İlkokul Öğrencileri İçin Hikaye Temelli Matematiksel Modelleme Etkinlikleri: Bir Tasarım Araştırması, 2019 - Continues

Sevinç Ş., Arleback J. B., Albarracın L., Ferrando I., Orey D., Rosa M., Other International Funding Programs, Exploring the use of Fermi problems to elicit students' and pre-service teachers' intercultural awareness in mathematics classrooms, 2022 - 2023

Çakiroğlu E., Akyüz D., İşıksal Bostan M., İşler Baykal I., Sevinç Ş., Slavíčková M., H2020 Project, Enhancement of research excellence in Mathematics Teacher Knowledge (MaTeK), 2021 - 2023

Kayhan Altay M., Sevinç Ş., Umay A., Olkun S., Akkuş İspir O., Yaman H., Şengil Akar Ş., Alkaş Ulusoy Ç., Özer A., TUBITAK Project, Çocuklarda Sayı Duyusunun Gelişimi ve Desteklenmesi Projesi (TÜBİTAK 2237-A Bilimsel Eğitim Etkinlikleri Desteği Programı), 2022 - 2022

Sevinç Ş., Çakıroğlu E., Embassy Grant Program Project, Toward Thematic STEM Education in Schools: Developing a Workshop for Teachers (Design4Rescue), 2018 - 2020

Sevinç Ş., Mumcu F., Uslu N. A., Yıldız B., Kaya G., TUBITAK Project, Bilişim Teknolojileri, Fen Bilimleri ve Matematik Eğitimini Yenilikçi Yöntemlerle Bütünleştiriyoruz, 2019 - 2019

Sevinç Ş., Çakıroğlu E., Işıksal Bostan M., TUBITAK Project, İlkokul 1. Sınıf Matematiği, Sayılar Ve İşlemler Ünitesi İçin Gerçekçi Matematik Eğitimine Dayalı Öğrenme Rotası Geliştirilmesi: Bir Tasarım Araştırması (İlk Adım Projesi), 2017 - 2019

Scientific Refereeing

MATHEMATICAL THINKING AND LEARNING, Journal Indexed in SSCI, October 2021

Research Project To Be Started., ODTÜ İnsan Araştırmaları Etik Kurulu (İAEK), Middle East Technical University, Turkey, August 2020

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, July 2020

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, January 2020

Thesis Study To Be Started., ODTÜ İnsan Araştırmaları Etik Kurulu (İAEK), Middle East Technical University, Turkey, January 2020

Thesis Study To Be Started., İnsan Araştırmaları Etik Kurulu (IAEK), Middle East Technical University, Turkey, November 2019

Thesis Study To Be Started., İnsan Araştırmaları Etik Kurulu (IAEK), Middle East Technical University, Turkey, October 2019

MATHEMATICAL THINKING AND LEARNING, Journal Indexed in SSCI, August 2019

Research Project To Be Started., İnsan Araştırmaları Etik Kurulu (IAEK), Middle East Technical University, Turkey, March 2019

EGİTİM VE BİLİM-EDUCATION AND SCIENCE, SCI Journal, December 2018

Research Project To Be Started., İnsan Araştırmaları Etik Kurulu , Middle East Technical University, Turkey, December 2018

Thesis Study To Be Started., İnsan Araştırmaları Etik Kurulu (IAEK), Middle East Technical University, Turkey, December 2018

Plos One, Journal Indexed in SCI-E, October 2018

INTERNATIONAL JOURNAL OF EDUCATION IN MATHEMATICS SCIENCE AND TECHNOLOGY, National Scientific Refreed Journal, December 2017

Eğitim Ve Bilim-Education And Science, SCI Journal, November 2017

ZDM Mathematics Education, Journal Indexed in ESCI, October 2017

The Qualitative Report, Journal Indexed in ESCI, October 2017

KURAM VE UYGULAMADA EĞİTİM BİLİMLERİ, National Scientific Refreed Journal, July 2017

Mobility Activity

Erasmus Programme, Lecturing, Technische Universitaet Dresden, Germany, 2023 - 2023

Erasmus Programme, Lecturing, Valencia University, Spain, 2023 - 2023

Metrics

Publication: 87
Citation (WoS): 14
Citation (Scopus): 32
H-Index (WoS): 4
H-Index (Scopus): 2

Awards

Sevinç Ş., Yılım Eğitimcisi Ödülü, Orta Doğu Teknik Üniversitesi, December 2019