**CURRICULUM VITAE**

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**1. Name Surname:** Sinem SÖZEN ÖZDOĞAN

**2. Date of Birth:** 17/07/1988

**3. Title:** Research/Teaching Assistant

**4. Education:** Ph. D.

**5. Organization:** TEDU Faculty of Education, Department of Elementary Education, Primary Education Program

Duration of Employment: 10 years (by August 2022)

**6. Contact Information:**

Tel: 90 312 585 03 48 GSM: 90 505 615 40 90

e-mail: [sinem.sozen@tedu.edu.tr](mailto:sinem.sozen@tedu.edu.tr)

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| **Degree** | **Field** | **University** | **Year** |
| Bachelor’s Degree\* | Elementary Mathematics Education | Middle East Technical University | 2011 |
| Master’s Degree | Elementary Science and Mathematics Education | Middle East Technical University | 2013 |
| Ph. D. Degree | Elementary Education | Middle East Technical University | 2023 |

##### \* The abovementioned student took courses at University of Inholland (Inholland Hogeschool) in Netherlands in the spring semester of the 2009-2010 academic year within the scope of the Erasmus Program.

**7. Languages:**

English: Advanced Dutch: Beginner

German: Beginner Japanese: Beginner

**8. Publications:**

Articles published international and national refereed journals:

* Karslı-Çalamak, K., Olkun, S., & **Sözen Özdoğan, S.** (2022). Çokkültürlü sınıflarda matematik eğitimi: Öğretmen uygulamaları üzerine bir inceleme [Teaching mathematics in culturally and linguistically diverse classrooms: An examination of teacher practices]. *Anadolu Journal of Educational Sciences International, 12* (1), 123-155 . doi: 10.18039/ajesi.926493. (TR Dizin)
* Akın, S. & **Sozen-Ozdogan, S**. (2021). Öğretmen eğitiminde yapıtaşı: Türkiye, Singapur ve Hong Kong’da öğretmenlik mesleği genel yeterlikleri [Generic Teacher Competencies: The Building Blocks in Turkey, Singapore, and Hong Kong]. *Ankara University Journal of Faculty of Educational Sciences, 54*(1), 269-310.doi: 10.30964/auebfd.642519. (TR Dizin)
* **Sozen-Ozdogan**, S., Akyuz, D., & Stephan, M. (2019). Developing ratio tables to explore ratios. *The Australian Mathematics Educational Journal (AMEJ*), *1*(1), 16-21. <https://hdl.handle.net/11511/75258>. (ERIC)
* **Sozen-Ozdogan**, Çakır, B., & Orhan, B. (2019). A case of teacher-students mathematical problem-solving behaviors from the perspective of cognitive-metacognitive framework [Special Issue]. *Studia Paedagogica*, 24(4), 221-223. doi:10.5817/SP2019-4-10 (Scopus)
* **Sözen, S.,** & Çabuk, A.(2013). Türkiye, Avusturya ve Almanya öğretmen yetiştirme sistemlerinin incelenmesi [An investigation of teacher education system of Turkey, Austria and Germany] [Special Issue]. *Uşak Üniversitesi Sosyal Bilimler Dergisi, 6*(-ÖYGE Özel Sayısı), 220-237. https://doi.org/10.12780/UUSBD183 (TR Dizin)

Books and chapters published by national/international publishers:

* Yucelyigit, S., Akin Sabuncu, S. İrgin, P., Canaran, Ö., Aracı İyiaydın, A., **Sozen Ozdogan, S.,** Havadar, E. E, & Yeler, Z (2023). Literatür ve Ülke İncelemeleri. In E. Aksoy (Ed.), *Yükseköğretimde Program Geliştirme TED Üniversitesi Eğitim Fakültesi Örneği* (pp. 17-47). Anı Yayıncılık
* Elmas, B., Haşlaman, T. , Erdoğan, T., Bilki, Z., Öneren Şendil, Ç., Serim Yıldız, B., Öztürk, E., Çelebi, E. G., **Sözen Özdoğan, S.,** Bilicioğlu Güneş, A., Güzeller, G., Yılmaz, F. (2023). Program değerlendirmesi ve paydaş görüşleri. In E. Aksoy (Ed.), *Yükseköğretimde Program Geliştirme TED Üniversitesi Eğitim Fakültesi Örneği* (pp. 48-57). Anı Yayıncılık
* **Sozen-Ozdogan,** S., Akyuz, D., & Stephan, M. **(**2022). Patterns and relationships within ratio contexts: Students’ emerging ideas through ratio tables. In P. Jenlink (Ed.), *Mathematics as the science of patterns: Making the invisible visible through teaching.* Information Age Publishing.
* **Sozen-Ozdogan, S.,** Akyuz, D., & Çakıroğlu, E. (2020). A phenomenological study: Incorporating the history of mathematics from the perspectives of the teachers. In P. Jenlink (Ed.), *The language of mathematics: How the teachers’ knowledge of mathematics affects instruction* (pp. 113-141). Rowman & Littlefield Publishers.

Paper presentations presented at international conferences and published at conference proceedings:

* **Sozen-Ozdogan,** S., Akyuz, D., & Stephan, M. (2023, July). A bridge between tools and conventions: a transition to ratio and proportion concepts after ratio table. *13th Congress Of The European Society For Research In Mathematics Education (CERME 13)*. Budapest, Hungary.
* Toker, Z., **Sözen Özdoğan, S.,** Canaran, Ö., Yalçın, F., Yıldız, B. S., Çelebi, E. G, Buldu, E., Bilicioğlu Güneş, A., Aksoy, E.,& Kavak, Y. (2023, June). Öğretmen yetiştirme kurumlarında sürdürülebilir akreditasyon mekanizması: TED üniversitesi eğitim fakültesi örneği. X International Eurasian Educational Research Congress, 1553-1555 (Abstracts, Proceedings Book) (Publication Number:8367160), Ankara, Turkey.
* Haşlaman, T., **Sözen Özdogan, S.**, Kamacı, Y. (2023, June). Sınıf öğretmenliği programına yönelik ihtiyaç analizi: Bir vakıf üniversitesi örneği. X International Eurasian Educational Research Congress, 1452-1454 (Abstracts, Proceedings Book) (Publication Number:8367160), Ankara, Turkey
* Haşlaman, T., Genç Ersoy, B., Çelikdemir, K., **Sözen Özdoğan, S.**, & Kamacı,Y. (2023, June). E-portfolyo kullanımının özdüzenleyici öğrenme ve mesleki gelişime katkısı: bir durum çalışması. *X International Eurasian Educational Research Congress*, 1563-1564. (Abstracts, Proceedings Book) (Publication Number:8367160), Ankara Turkey.
* Aksoy, E., Voltan Acar, N. H. , Er, S., Toker, Z…….. **Sözen Özdoğan, S.**, …..Kavak, Y. (2023, June). Yükseköğretimde program geliştirme: TED Üniversitesi Eğitim Fakültesi Örneği. *X International Eurasian Educational Research Congress*, 1563-1564. (Abstracts, Proceedings Book) (Publication Number:8367160), Ankara Turkey.
* **Sozen-Ozdogan,** S., & Sahin-Dogruer, S. (2022, July). Collaborative learning practices of students through synchronous online learning environment. Paper presented at *45th Conference of the International Group for the Psychology of Mathematics Education* (PME 45), Alicante, Spain. (Scopus)
* **Sozen-Ozdogan**, S., & Güzeller, G. (2019, December). Matematik ders planlarında çokkültürlülük vurgusu: GÖÇ-MAT projesi örneği (Multiculturality in Mathematics Instructional Plans). Paper presented at *International Teacher Education and Accreditation Congress* (ITEAC 2019) (p.110), Ankara, Turkey.
* Akin, S., & **Sozen-Ozdogan**, S. (2019, September). Teacher Competences as building blocks for improving teacher education: Turkey, Singapore, and Hong Kong in perspective. Paper presented at *ECER 2019 Education in an Era of Rise*, Hamburg, Germany.
* **Sozen-Ozdogan,** S., & Akyuz, D. (2019, June). Implementation of design-based research in mathematics education: Developing student-centered content. Paper presented at *VIth International Eurasian Educational Research Congress (EJER 2019)*, Ankara, Turkey.
* **Sozen-Ozdogan**, S., & Akyuz, D. (2019, April). Launch-Explore-Discuss cycle as teaching and learning mathematics. Full Paper presented at *28th International Conference on Educational Sciences (pp. 1133-1145)*, Ankara, Turkey.
* Olkun, S., Karsli-Calamak, E., **Sozen-Ozdogan, S.,** Solmaz, G., & Haslaman, T. (2018, December). Subitizing and Beyond: Perception of Set Cardinality from Different Spatial Representations. Presented at *4. Cyprus International Congress of Education Research*, Kyrenia, North Cyprus.
* **Sozen-Ozdogan, S.,** and Akyuz, D. (2018, September). Drawing as a fresh start for learning ratio concept: The case of Maya. Presented at *EARLI SIG 15 Special Educational Needs*, Potsdam, Germany.
* **Sözen, S.,** Çakır, B. and Orhan, B. (2015, September). Metacognitive similarities and differences between teachers and students on mathematical problem solving skills. Presented *at ECER 2015 Education and Transition,* Budapest, Hungary.

Paper presentations presented at national conferences and published at conference proceedings:

* **Sozen-Ozdogan, S.** (2023, September). Oran-Orantı kavramlarının öğretimine yönelik ortaokul matematik ders kitaplarının incelenmesi [Investigation of ratio-proportion teaching concepts within middle grade mathematics textbooks]. Presented at UFBMEK-15 *National Congress on Science and Mathematics Education,* Kars, Turkey.
* Güzeller, G. & Sozen-Ozdogan, S. (2023, September). Ortaokul matematik ders kitaplarının okul dışı öğrenme bağlamında i̇ncelenmesi [Investigation of out-of-school learning environments within middle grade mathematics textbooks]. Presented at UFBMEK-15 *National Congress on Science and Mathematics Education,* Kars, Turkey.
* Karsli, E., Olkun S., and **Sozen-Ozdogan, S.** (2016, September). GÖÇ-MAT: Mülteci öğrencilere yönelik çok temsilli matematik materyalleri geliştirilmesi (MIGRA-MATH: Developing mathematics lesson plans with multiple representations for refugee children). Presented at UFBMEK-12 *National Congress on Science and Mathematics Education,* Trabzon, Turkey.
* **Sözen, S.,** Aydemir, D., Ayan, R., and Çabuk, A. (2014, September). Türkiye’de gerçekleşen birebir özel ders ile ilgili ebeveynlerin görüşleri [Parents’ perspectives for tutoring in Turkey]. Presented at UFBMEK-11 *National Congress on Science and Mathematics Education*, Adana, Turkey.
* **Sözen, S.,** & Çabuk, A. (2012, September). Türkiye, Avusturya ve Almanya öğretmen yetiştirme sistemlerinin incelenmesi [Investigating Turkey, Austria, and Germany teacher training systems]. Presented at *I.* *Uluslararası Katılımlı Öğretmen Yetiştirme ve Geliştirme Sempozyumu,* Uşak, Turkey.
* Aras, S., & **Sözen, S.** (2012, June). Türkiye, Finlandiya ve Güney Kore’de öğretmen yetiştirme programlarının incelenmesi [Investigating the teacher training programs of Turkey, Finland and South Korea]. Presented at *UFBMEK-10 National Congress on Science and Mathematics Education*, Niğde, Turkey.

**9. Projects:**

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| **Project Code page2image43966912page2image43966528** | **page2image58553472Project Title - Role page2image43970752** |
| TÜBİTAK 1003 (215K478) | MIG-MATH: Supporting Teachers of Immigrant Students with Respect to their Mathematics Education Professional Practices- Research Assistant |
| page2image43971520page2image43971904TEDU Institutional Research Fund (0BAP16B0015) page2image43972480page2image43972864 | page2image43973248Subitizing and Beyond: Perception of Set Cardinality from Different Spatial Representations - Research Assistant |
| TÜBİTAK 1001 (111K545) | 6-11 yaş Türk çocukları örnekleminde diskalkuliye yatkınlığı ayırt etmede kullanılacak bir ölçme aracı geliştirme çalışması (Developing a diagnosis instrument for 6-11 year-old students with dyscalculia) - Research Assistant for Collecting Data |
| page2image43858368page2image43858752TÜBİTAK 4006 (417B557-07)  page2image58294832page2image43932224 | page2image43935296The effects of instructional sequences of coordinate plane through Geogebra on seventh grade students’ academic achievement- Assistant Advisor Teacher |
| TÜBİTAK 2237  June 19-21, 2014 | Eğitim Bilimlerinde TÜBİTAK Proje Yazım Eğitimi Programı (A Training Program on Project Writing for National Science Foundation[TUBITAK]), Participant and Technical Assistant |
| TÜBİTAK 2237  April 23-27, 2021 | Kuramdan Uygulamaya Nitel Araştırmalar 2 Kursu (A Training Program for Qualitative Research), Technical Assistant |
| TÜBİTAK 2237  June 17-21, 2021 | Eğitim Alanındaki Lisansüstü Bilimsel Araştırma Becerilerinin Geliştirilmesi-2 Eğitimi (A Training Program for the Development of Scientific Research Skills), Technical Assistant. |
| TEDU Institutional Research Fund  (T-21-B2010-90072) | Investigation of pre-service teachers' self-regulated learning skills and professional development using e-portfolio, Research Assistant. |
| UNICEF-MEB (Ağustos 2022) | Sınıf Öğretmenlerinin Matematik Öğretim Becerilerinin Geliştirilmesi, Eğitici |

**10. Administrative Duties /Organizational and Professional Services:**

* TEDU Pet Friendly Society 2020-2023 (Academic Advisor)
* Web Commission 2017-Ongoing (Member of the Commission)
* Accreditation Commission 2017-2021 and 2022-Ongoing (Member of the Commission)
* Erasmus Commission 2012-2015 (Member of the Commission)

**11. Scholarships:**

2013-2023 TÜBİTAK Scholarship for Graduate Students

2006-2011 Başbakanlık Scholarship: A scholarship given by the Turkish Government for successful undergraduate students who selected to high-achieved Teacher Training Programs.

**12. The courses attended as a research assistant at TEDU**

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| **Academic Year- Semester** | page3image58299424**Courses Offered** |
| * page3image438196482012-2013 Fall page3image43820608 | * page3image43821376CMPE 101 Introduction to Information Technologies page3image43821952 |
| * 2013-2014 Spring | * EDU 511 Assessment and Evaluation in Education * EDU 101 Introduction to Education |
| * page3image438227202014-2015 Fall | * page3image43823872EDU 201 School, Family, and Society * EGE 221 Primary School Mathematics |
| * page3image438242562014-2015 Spring | * page3image43825984EGE 222 Teaching Primary School Mathematics |
| * 2015-2016 Fall | * EDU 201 School, Family, and Society * EGE 221 Primary School Mathematics |
| * page3image438570242015-2016 Spring | * page3image43859520EGE 222 Teaching Primary School Mathematics |
| * page3image439075202016-2017 Fall page3image43962688 | * page3image43958464EGE 221 Primary School Mathematics page3image43967488 |
| * 2016-2017 Spring page3image43968064 | * EGE 222 Teaching Primary School Mathematics page3image43956672 |
| * 2018-2019 Spring page3image58307376page3image44038592 | * EDUC 140 Instructional Technologies * EDUC 110 Educational Sociology page3image58307936 |
| * 2019-2020 Spring | * LIT 201 Children’s Literature |
| * 2020-2021 Fall | * ECE 207/EGEP 201 Drama in Primary Education * LIT 201/EGEP 251 Children’s Literature * EGE 222/EGEP 303 Mathematics Teaching 1 |
| * 2020-2021 Spring | * EGEP 304 Mathematics Education 2 * EGEP 351 Children at Risk |
| * 2021-2022 Fall | * CMPE 101 Introduction to Information Technologies * EGEP 305 Science Education |
| * 2021-2022 Spring | * EGEP 255 Alternative Education * EGEP 202 Teaching of Play and Physical Activities * PRED 106 Development and Learning * PRED 104 Fundamental Science in Primary Education |

**The courses**

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| **Academic Year- Semester** | page3image58299424**Courses Offered** |
| * page3image438196482022-2023 Fall page3image43820608 | * page3image43821376EGEP 353 Social Skills Educations * EGEP 253 Textbook Analysis in Primary Education page3image43821952 |
| * 2022-2023 Spring | * EGEP 481 Teaching Practice I * MATE 352 Out-of-School Education * PRED 202 Classroom Management |

**13. Community and Professional Development Services:**

Sinem Sözen Özdoğan– Kurtuluş İlkokulu İlköğretim Öğretmenleri- March 17 2023, Sınıf Yönetimi: Olumlu Öğrenme Ortamları, (2 hour seminar).

Sibel Akın Sabuncu & **Sinem Sözen Özdoğan** – TED University Faculty of Education-June 25, 2021- Başkent Workshops for Teachers VII (Başkent Öğretmen Atölyeleri), Öğretmenlik Mesleği Genel Yeterlikleri: Türkiye, Hong Kong ve Singapur Örnekleri (Generic Teacher Competences of Turkey, Hong Kong and Singapore).

**Sinem Sozen Ozdogan** & Sule Sahin Dogruer - Middle East Technical University- Faculty of Education- February 8, 2020- 7. Matematik Öğretmenleri Paylaşım Zirvesi (A national mathematics teachers' meeting platform)-Doğrusal Denklemler ve Geogebra: Gerçek Yaşamdan Örnekler ( Linear Equations and Geogebra: Examples from Real-Life Experience)

Selda Aras & **Sinem Sozen Ozdogan** - TED University- Faculty of Education - April 20-21, 2019- Eğitimi Demokratikleştirmek Konferansı (Conference for Democratization in Education)- Erken çocukluk döneminde oyun temelli Matematik öğretimi: Zihnin araçları (Play-based mathematics teaching in early grades: Tools of the Mind)

**14. Other Work Experience (Education, Industry etc.):**

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| 2011-2012 | Research Assistant, Amasya Üniversitesi, Faculty of Education, Elementary Education Department |

**15. Other Research Interests and Personal Development Tracks**

Village Institutes, Women Mathematicians, Neuroscience and Mathematics Learning, Cognitive Science and Its Reflections on Education are the topics that I am interested in.