

CURRICULUM VITAE

1. **Name-Surname:** Vildan KATMER BAYRAKLI
2. **Title:** Asst. Prof. Dr.
3. **Education Status:**

Degree	Department	University	Year
Ph.D.	Curriculum and Instruction (Faculty of Education)	Yıldız Technical University Istanbul	2014- 2019
Graduate	Secondary School Mathematics Teachers' Training Program	Kocaeli University Kocaeli	2008-2009
	Mathematics Education	Marmara University Istanbul	2010-2013
Undergraduate	Foreign Languages Education Centre	Maltepe University Istanbul	2003–2004
	Mathematics		2004–2008

4. **Academic Titles:**

Date of Asst. Prof. Dr. : 20.12.2019

5. **Supervised Master's and Doctoral Theses**

5.1. **Master's Theses**

Gamze KARAİBİŞ (2020-In process). Köy Okul Yöneticilerinin Pandemi Sürecinde Eğitim Öğretim Sürecine Yönelik Deneyimleri.

5.2. **Doctoral Thesis**

6. **Publications**

6.1. **Articles published in international peer-reviewed journals (SCI & SSCI & Arts and Humanities)**

Özcan, Z. Ç., İmamoğlu, Y., & **Katmer-Bayraklı, V.** (2017). Analysis of sixth grade students' think-aloud processes while solving a non-routine mathematical problem. *Educational Sciences: Theory & Practice*, 17, 5–20.

6.2. **Articles published in international peer-reviewed other journals**

Katmer-Bayraklı, V., & Erişen, Y. (2019). Cognitive maps of the beliefs of pre-service mathematics teachers regarding mathematics: A phenomenological research. *International Journal of Instruction*, 12(1), 1545-1566.

Erişen, Y., & **Katmer-Bayraklı, V.** (2016). Six hat thinking technique in program evaluation: The Evaluation of the quality of mathematics teacher training program in Turkey. *International Online Journal of Educational Sciences*, 8(4), 31-45.

6.3. Papers presented at international scientific meetings and published in the proceedings book

Katmer-Bayraklı, V. (2020, December). Matematik öğretmeni adaylarının tahmin etme becerilerinin incelenmesi: Kesirlerle işlem örneği. *8th International Congress on Social Sciences - Humanities and Education*, Istanbul, Turkey.

Katmer-Bayraklı, V. (2020, December). 6. Sınıf matematik ders kitabının hedefler ve kazanımlar bağlamında öğretim programına uygunluğunun öğretmen adayları tarafından değerlendirilmesi. *8th International Congress on Social Sciences - Humanities and Education*, Istanbul, Turkey.

Katmer-Bayraklı, V., Ergene, Ö. (2020, September). Matematik Öğretmeni Adaylarının Etnomatematiğe Yönelik Etkinlik Hazırlama Süreçlerinin İncelenmesi. *VIIth International Eurasian Educational Research Congress Online*, Anadolu University, Eskişehir, Turkey.

Katmer-Bayraklı, V., Erişen, Y. (2019, May). Investigating beliefs regarding mathematics during transition from pre-service to in-service mathematics teacher: A four-year qualitative longitudinal study. *International Conference on Research in Teaching, Education & Learning (ICRTEL)*, Washington University, Roma, Italy.

Katmer-Bayraklı, V., Kaysi, F., Aydemir, U. V., & Gürol, A. (2016, November). Öğretim üyelerinin uygulanmakta olan pedagojik formasyon programına yönelik algı ve deneyimleri. *International Conference on Quality in Higher Education (ICQH)*, Sakarya University, Sakarya.

Katmer-Bayraklı, V., Delice, A., & Ertekin, E. (2016, Jun). Pre-service mathematics teachers' strategies to find the general term of sequences: Discovering the unseen beyond the seen. *British Society of Research in Mathematics Learning (BSRLM)*, Loughborough University, England.

Katmer-Bayraklı, V., & Aydın, H. (2016, February). Usability of cognitive maps to analyze beliefs related to mathematics. *British Society of Research in Mathematics Learning (BSRLM)*, Manchester University, England

Erişen, Y., & **Katmer-Bayraklı, V.** (2014). Matematik öğretmen adaylarının altı şapkalı düşünme tekniğini kullanarak kendilerine uygulanan eğitim programının kalitesini değerlendirmeleri. *Yıldız International Conference on Educational Research and Social Studies*. Istanbul, Turkey.

Katmer-Bayraklı, V., & Akkoç, H. (2014). Investigating pre-service mathematics teachers' views about vector approach to geometry and instructional methods during geometry teaching, *International Conference on Education in Mathematics, Science & Technology*. Konya, Turkey.

Özcan, Z. Ç., **Katmer-Bayraklı, V.,** İmamoğlu, Y. (2014). Analysis of mathematical problem solving processes of 6th grade students using the think-aloud protocol, *International Conference on Education in Mathematics, Science & Technology*. Konya, Turkey,

Tutgun Ünal, A. & **Katmer-Bayraklı, V.** (2014). Öğretmen adaylarının sosyal medyanın eğitimde iletişim amaçlı kullanılmasına ilişkin görüşleri: Twitter örneği. *1st*

Eurasian Educational Research Congress, Istanbul University, İstanbul.

Akkoç, H., & **Katmer, V.** (2011). Pre-service mathematics teachers' concept images of π , *Proceedings of the 35rd International Conference on the Psychology of Mathematics Education (PME35)*, Middle East Technical University, Ankara, Turkey.

6.4. International books or chapters in books

6.5. Articles published in national peer-reviewed journals

6.6. Papers presented at national scientific meetings and published in the proceedings book

Katmer-Bayraklı, V., & Akkoç, H. (2014). Matematik öğretmen adaylarının geometri öğretiminde vektörel yaklaşıma ilişkin pedagojik alan bilgilerinin incelenmesi. *XI. Ulusal Fen Bilimleri ve Matematik Eğitimi Kongresi*. Adana, Türkiye

Özcan, Z. Ç. & **Katmer, V.** (2011). Eleştirel düşünme ve üst biliş becerilerinin matematik başarısı ile ilişkisi, *10. Matematik Sempozyumu*, Işık Üniversitesi, İstanbul.

Taş, F., Gürsoy, O. & **Katmer, V.** (2010). Dual Bezier Curve and Line Surfaces, *VIII. Ulusal Geometri Sempozyumu*, Akdeniz Üniversitesi, Antalya.

6.7. Other publications

Eşme, İ., Özcan, Ç., **Katmer, V.**, & Yıldırım, E. (2011, Mayıs 5). Üniversite giriş sınavlarına yönelik öğrenci yaklaşımı araştırması. *Cumhuriyet Gazetesi*, s.3.

Eşme, İ., Özcan, Ç., **Katmer, V.**, & Yıldırım, E. (2011, Mayıs 14). Gençler AİHM'ye güveniyor (Üniversite giriş sınavlarına yönelik öğrenci yaklaşımı araştırması). *Milliyet Gazetesi*.

6.8. International citations

7. National & International Projects

8. Administrative Duties

9. Memberships to Scientific and Professional Organizations

British Society for Research into Learning Mathematics

10. Awards

Marmara University Institute of Educational Sciences- High Honor Student

11. Undergraduate and graduate courses given in the last two years

Academic Year	Term	Course	Weekly Hours		Number of students
			Theory	Practice	
2019-2020	Fall				
	Spring	Eğitimde Program Geliştirme	2	0	22
		Kültür ve Matematik	2	0	24
		Mat. Ders Kitabı İncelemesi	2	0	4
		Eğitim Öğretim Teknikleri	3	0	96
Topluma Hizmet Uygulamaları	1	2	23		
Öğretmenlik Uygulaması	2	6	5		
2020-2021	Fall	Mikro Öğretim	2	0	12
		Sayıların Öğretimi	3	0	28
		Eğitimde Program Geliştirme	2	0	17
		Kültür ve Matematik	2	0	14
		Mat. Ders Kitabı İncelemesi	2	0	25
		Yüksek Lisans Semineri*	0	1	1
	Mezuniyet Projesi*	3	0	2	
	Spring				

12. Certificates

- Lusófona University, Lisbon, Portugal (2020)- Erasmus Training Program
- Sorbonne University, Paris, France (2018) - Erasmus Training Program
- Univercitat de Barcelona, Barcelona, Spain (2016) - Erasmus Training Program
- Maltepe University, Istanbul (2016) – International Student Congress Faculty Coordinator

13. Work Experiences

Position Title	Institution	Year
Asst. Prof. Dr.	Maltepe University – Faculty of Education	2019 -
Research Assistant	Maltepe University – Faculty of Education	2010 - 2019
Mathematics Teacher	Marmara Educational Institutions	2009 - 2010
Executive Assistant	Servplus Org. Tic. Ltd. Şti.	2008 - 2009