

Personal Information

Email: stugba@metu.edu.tr

Education Information

Doctorate, Texas A&M University, United States Of America 2003 - 2008

Post Graduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Bilgisayar Ve Öğretim Teknolojileri Eğitimi (Dr), Turkey 2001 - 2003

Under Graduate, Middle East Technical University, Faculty of Education, Department of Computer Education and Instructional Technology, Turkey 1995 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Scaffolding Middle School Students' Content Knowledge and Ill-Structured Problem Solving in a Problem-Based Hypermedia Learning Environment, Texas A&M University, 2008

Post Graduate, Communication Behaviors and Trust in Collaborative Online Teams, Middle East Technical University, Graduate School of Natural and Applied Sciences, Bilgisayar Ve Öğretim Teknolojileri Eğitimi (Dr), 2003

Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Faculty of Education, Department of Computer Education and Instructional Technology, 2018 - Continues

Assistant Professor, Middle East Technical University, Faculty of Education, Department of Computer Education and Instructional Technology, 2008 - 2018

Advising Theses

TOKEL S. T. , Investigating the use of virtual worlds to teach basics of programming to children: A multiple case study, Doctorate, A.BATTAL(Student), 2018

TOKEL S. T. , The effect of flipped classroom as a teaching strategy on undergraduate students' self-efficacy, engagement and attitude in a computer programming course, Doctorate, C.YURDAGÜL(Student), 2018

TOKEL S. T. , Exploring the effectiveness of a mobile writing application for supporting handwriting acquisition of students with dysgraphia, Doctorate, S.HOPCAN(Student), 2017

TOKEL S. T. , Facilitating english as a foreign language learners' vocabulary learning, task completion and contextual vocabulary exploration processes in a mobile supported situated learning environment, Doctorate, Ç.UZ(Student), 2016

TOKEL S. T. , Exploring the use of 3D virtual worlds for psychoeducational groups: A multiple case study, Doctorate, A.GÜL(Student), 2016

TOKEL S. T. , Supporting students' scientific argumentation in technology-enhanced learning environments: Distribution of scaffolds, Doctorate, H.HAVVA(Student), 2013

TOKEL S. T. , YILDIRIM İ. S. , Effects of scaffolding strategies embedded within web-based peer evaluation system on pre-service teachers' reflective thinking and self-efficacy, Doctorate, İ.YILDIZ(Student), 2012

TOKEL S. T. , Students' experiences and perceptions of anxiety, motivation, and self-confidence in speaking english during task-based language learning activities in second life: The case of METU, Post Graduate, T.KAMALI(Student),

2012

TOKEL S. T. , Effects of way finding affordances on usability of virtual world environments in terms of users' satisfaction, performance, and mental workload: Examination by eye-tracking and fnir device, Post Graduate, Y.CANSIZ(Student), 2012

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Facilitating Contextual Vocabulary Learning in a Mobile-Supported Situated Learning Environment**
Bilgin C. U. , TOKEL S. T.
JOURNAL OF EDUCATIONAL COMPUTING RESEARCH, vol.57, pp.930-953, 2019 (Journal Indexed in SSCI)
- **Acceptance of virtual worlds as learning space**
TOKEL S. T. , Isler V.
INNOVATIONS IN EDUCATION AND TEACHING INTERNATIONAL, vol.52, pp.254-264, 2015 (Journal Indexed in SSCI)
- **Supporting problem-solving performance in a hypermedia learning environment: The role of students' prior knowledge and metacognitive skills**
TOKEL S. T. , Pedersen S.
COMPUTERS IN HUMAN BEHAVIOR, vol.28, pp.1162-1169, 2012 (Journal Indexed in SSCI)
- **Place presence, social presence, co-presence, and satisfaction in virtual worlds**
TOKEL S. T.
COMPUTERS & EDUCATION, vol.58, pp.154-161, 2012 (Journal Indexed in SCI)
- **Scaffolding middle school students' content knowledge and ill-structured problem solving in a problem-based hypermedia learning environment**
Bulu S. T. , Pedersen S.
ETR&D-EDUCATIONAL TECHNOLOGY RESEARCH AND DEVELOPMENT, vol.58, pp.507-529, 2010 (Journal Indexed in SSCI)
- **Communication behaviors and trust in collaborative online teams**
Bulu S. T. , YILDIRIM Z.
EDUCATIONAL TECHNOLOGY & SOCIETY, vol.11, pp.132-147, 2008 (Journal Indexed in SSCI)

Articles Published in Other Journals

- **Distributed Scaffolding: Synergy in Technology-Enhanced Learning Environments**
Ustunel H. H. , TOKEL S. T.
TECHNOLOGY KNOWLEDGE AND LEARNING, vol.23, pp.129-160, 2018 (Journal Indexed in ESCI)
- **Anxiety, Motivation, and Self-Confidence in Speaking English During Task Based Activities in Second Life - Second Life Ortamında Görev Temelli Dil Eğitimi Etkinliklerinde Öğrencilerin İngilizce Konuşmaya Yönelik Endişe, Güdülenme ve Özgüvenleri**
KAMALI ARSLANTAŞ T., TOKEL S. T.
Kastamonu Üniversitesi Kastamonu Eğitim Dergisi, vol.26, pp.287-296, 2018 (Other Refereed National Journals)
- **Teknoloji ile zenginleştirilmiş öğrenme ortamlarında öğrencilerin bilimsel argümantasyonuna rehberli öğrenme desteği sağlanması**
ÜSTÜNEL H. H. , TOKEL S. T.
Ömer Halisdemir Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.10, pp.122-152, 2017 (Other Refereed National Journals)
- **Exploring Internet addiction academic procrastination and general procrastination among Pre Service ICT teachers**
Tokel S. T.
Mevlana International Journal of Education, vol.4, pp.189-201, 2014 (National Refreed University Journal)
- **Three Dimensional Virtual Worlds Research Trends and Future Directions**
TOKEL S. T. , CEVİZCİ KARATAŞ E.
Mersin Üniversitesi Eğitim Fakültesi Dergisi, vol.10, pp.1-12, 2014 (Other Refereed National Journals)

- **Türkiye'deki ebeveynlerin çocuklarının İnternet ve sosyal paylaşım siteleri kullanımına yönelik bilgi seviyeleri ve algıları**

Tokel S. T.

Mersin Üniversitesi Eğitim Fakültesi Dergisi, vol.9, pp.225-236, 2013 (National Refreed University Journal)

Book & Book Chapters

- **Design and Development of a Mobile Writing Application for Students With Dysgraphia**

Hopcan S., Tokel S. T. , Karasu N., Aykut Ç.

in: Mobile Technologies in Educational Organizations, Alona Forkosh Baruch,Hagit Meishar Tal, Editor, IGI-Global, Pennsylvania, pp.233-262, 2019

- **3 Boyutlu Sanal Dünyaların Eğitimde Kullanımı**

GÖKTAŞ Y., TOPU F. B. , ÇOBAN M., KARAKUŞ YILMAZ T., BAYDAŞ Ö., YILMAZ R. M. , REİSOĞLU İ., TOKEL S. T. , KOÇAK Ö.

Pegem Akademi, Ankara, 2017

- **3B Sanal Dünyalar ve Kullanım Alanları**

TOKEL S. T. , TOPU F. B.

in: 3B Sanal Dünyaların Eğitimde Kullanımı, Göktaş Yüksel, Editor, Pegem, pp.1-24, 2017

- **Üç Boyutlu Sanal Dünyalar**

Tokel S. T.

in: Öğretim Teknolojilerinin Temelleri Teoriler Araştırmalar Eğilimler, Çağıltay,K.,Göktaş,Y., Editor, Pegem A Yayıncılık, Ankara, pp.825-845, 2016

Refereed Congress / Symposium Publications in Proceedings

- **The use of pair programming in education: A systematic Review**

Tunga Y., Tokel S. T.

EDUCCON 2018 Educational Conference, Ankara, Turkey, 27 - 28 September 2018, pp.19-29

- **Engaging with the Scenario: Affect and Facial Patterns from a Scenario-Based Intelligent Tutoring System**

Nye B., Karumbaiah S., TOKEL S. T. , Mark C., Giota S., Auerbach D., Kallirroi G.

19th International Conference on Artificial Intelligence in Education, 23 - 30 June 2018

- **Virtual Standardized Patients for Facilitating Conversational Medical Interview**

TOKEL S. T. , Bautista M., Talbot T., Leeds A.

AECT 2017, 7 - 11 November 2017

- **Implications of 3D Virtual Worlds for Counseling Services In Higher Education**

GÜL A., AYDIN G., ÇAĞ P., TOKEL S. T.

14th International Eurasian Educational Research Congress, 11 - 14 May 2017

- **Investigating the effects of using virtual worlds in introductory programming education on students' problem solving skills**

BATTAL A., TOKEL S. T.

14th International Eurasian Educational Research Congress, Denizli, Turkey, 11 - 14 May 2017

- **Analyzing Learner Affect in a Scenario-Based Intelligent Tutoring System**

Nye B., Karumbaiah S., TOKEL S. T. , Core M. G. , Stratou G., Auerbach D., Georgila K.

18th International Conference on Artificial Intelligence in Education (AIED), Wuhan, China, 28 June - 01 July 2017, vol.10331, pp.544-547

- **Analyzing Learner Affect in a Scenario-Based Intelligent Tutoring System**

Nye B., Karumbaiah S., TOKEL S. T. , Core M. G. , Stratou G., Auerbach D., Kallirroi G.

Artificial Intelligence in Education 2017 (AIED), 28 June - 02 July 2017, vol.10331, pp.544-547

- **Development of a Virtual Learning Environment Hittites Empire**

KİLİS S., ALKIŞ Y., KADIRHAN Z., ÇETİNKAYA H. H. , ÖZGENEL Ç. F. , TOKEL S. T.

5th European Immersive Education Summit (EiED 2015), 9 - 11 September 2015

- **Comparing Two Open Source Virtual Worlds In Terms Of Educational Purposes: OpenSim And Open Wonderland**
BATTAL A., TOKEL S. T.
7th ICITS International Computer and Instructional Technologies Symposium, Turkey, 6 - 09 June 2013
- **Üç Boyutlu Sanal Dünyalar: Eğitimciler İçin Yol Haritası**
TOKEL S. T. , CEVİZCİ KARATAŞ E., GÜL A.
Akademik Bilişim 2013, Turkey, 23 - 25 January 2013
- **FOREIGN LANGUAGE EDUCATION IN VIRTUAL WORLDS: A REVIEW OF PERVASIVE STUDIES**
TOKEL S. T. , Kamali T.
4th International Conference on Education and New Learning Technologies (EDULEARN), Barcelona, Spain, 2 - 04 July 2012, pp.4349-4358
- **Effects of Way Finding Affordances on Usability of Virtual World Environments in Terms of Users' Satisfaction, Performance, and Mental Workload: Examination by Eye-Tracking and fNIR**
CANSIZ Y., TOKEL S. T.
Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2012, 26 - 29 June 2012, pp.1073-1079
- **3D learning environment for "conscious individuals & livable environment for elementary students**
KAMALI ARSLANTAŞ T., CEVİZCİ KARATAŞ E., Leymun C., TOKEL S. T.
5th International Computer & Instructional Technologies Symposium, Turkey, 1 - 03 June 2011
- **Second Life ODTÜ Kampüsü**
TOKEL S. T. , İŞLER V.
Akademik Bilişim 2011, Turkey, 2 - 04 February 2011
- **Virtual Environments for Learning: The Design Model**
TOKEL S. T. , PEDERSEN S.
Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2007, 25 - 28 June 2007
- **Teachers' beliefs underlying their assessment practices in a problem-based learning activity**
TOKEL S. T. , Pedersen S.
Proceedings of the World Conference on Educational Multimedia, Hypermedia and Telecommunications, 25 - 28 June 2004

Supported Projects

TOKEL S. T. , Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

TOKEL S. T. , Project Supported by Higher Education Institutions, Second Life Sanal Ortamında Odtü. Ek Kampüsü Ve Böte Bölümü Geliştirilmesi Projesi., 2012 - 2012

TOKEL S. T. , Project Supported by Higher Education Institutions, Second Life Sanal Ortamında Odtü Ek Kampüsü Ve Böte Bölümü Geliştirilmesi Projesi, 2010 - 2010

Citations

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