International Conference on Education in Mathematics, Science & Technology



CONFERENCE PROGRAM BOOK







International Conference on Education in Mathematics, Science & Technology

CONFERENCE PROGRAM BOOK



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Lect. Kevser CINAR

SCHEDULE

THURSDAY (23 April 2015)

10.00	Conference Registration & Hotel Check-in
12.30-14.00	Lunch Break
14.00-14.30	Opening Ceremony (Prof.Dr. Mustafa Pehlivan) - King Edward Hall
14.30-15.30	Keynote Speech I (Prof.Dr. Julie A. Luft) - King Edward Hall
	"At the crossroads: New directions for science and mathematics teacher professional
	development"
15.30-16.00	Coffee Break
16.00-17.30	Session 1 - Presentations
17.30-19.00	Workshop 1 (Prof.Dr. Servet M. Yatin) - Prince Charles Hall
	"STEM Motivation Workshop for a Sustainable Pipeline: A Global Perspective"
19.00-21.00	Dinner

FRIDAY (24 April 2015)

07.00-09.00	Breakfast
09.00-10.30	Session 2 - Presentations
10.30-11.00	Coffee Break
11.00-12.00	Keynote Speech II (Prof.Dr. Martin Simon) - King Edward Hall
	"Learning through Activity: Promoting and Studying Reflective Abstraction"
12.30-14.00	Lunch Break
14.00-15.00	Keynote Speech III (Prof.Dr. Karen Koellner) - King Edward Hall
	"The Problem Solving Cycle: An Adaptive yet Structured Professional Development Model"
15.00-15.30	Coffee Break
15.30-17.00	Session 3 - Presentations
17.00-19.00	Session 4 - Presentations
	Workshop 2 (Prof.Dr. Servet M. Yatin) - Prince Charles Hall
	"STEM Motivation Workshop for a Sustainable Pipeline: A Global Perspective"
19.00-21.00	Dinner

SATURDAY (25 April 2015)

07.00-09.00	Breakfast
09.00-10.30	Session 5 - Presentations
10.30-11.00	Coffee Break
11.00-12.00	Keynote Speech IV (Prof.Dr. Soner Yıldırım) - King Edward Hall
	"Revisiting the Epistemology of Instructional Technology. What the future holds"
12.30-14.00	Lunch Break
14.00-15.00	Keynote Speech V (Prof.Dr. Wenxia [Joy] Wu) - King Edward Hall
	"Shift Happens: the Revolution from eLearning 1.0 to eLearning 4.0"
15.00-15.30	Coffee Break
15.30-17.00	Session 6 - Presentations
17.00-19.00	Session 7 - Presentations
	Workshop 3 (Prof.Dr. Servet M. Yatin) - Prince Charles Hall
	"STEM Motivation Workshop for a Sustainable Pipeline: A Global Perspective"
19.00-21.00	Dinner

SUNDAY (26 April 2015)

07.00-09.00	Breakfast
09.00-10.30	Session 8: Presentations
10.30-11.00	Closing Ceremony - King Edward Hall
Before noon	Hotel Check-out

ORAL PRESENTATIONS

		SESSION I: April 23, 2015 – Thursday (16:00 – 17:30)	
	CHAIRS:	Suat Aşkin - Mustafa Hilmi Çolakoğlu	
	A0054 -	CONTRIBUTION OF STORIES TO PROBLEM SOLVING SKILLS IN MATHEMATICS IN PRIMARY EDUCATION (EXAMPLE OF PROVINCE OF MALATYA)	
		Celal Çakan, Ebru Korkmaz	
HALL	A0057 -	INVESTIGATION OF MATHEMATICS TEACHERS' AWARENESS OF DEVELOPING MATHEMATICAL LANGUAGE	
		Ayla Ata Baran, Tangül Kabael	
AR	A0137 -	MIDDLE SCHOOL STUDENTS' UNDERSTANDING OF SOME ALGEBRAIC SYMBOLS	
Ì		Ayşe Gamze Yalimol, Tuğba Horzum	
G EDWARD	A0068 -	A BRIEF OVERVIEW OF THE MATHEMATICS EDUCATION HISTORY IN RUSSIA WITH THE QUALITY APPROACH	
KING		Suat Aşkın, Murat Ayan, Daniya Aşkın	
	A0320 -	STEM EDUCATION PRACTICES IN TEACHING OF BALANCE AND FORCE AT 6TH GRADE – DESIGNING A BRIDGE	
		Ayşe Savran Gencer, Sefa Çoban	
	A0301 -	STEM APPLICATION IN SCIENCE SCHOOL	
		Mustafa Hilmi Çolakoğlu, Halil İbrahim Topçu, Hulya Ertürk Koç	
		SESSION I: April 23, 2015 – Thursday (16:00 – 17:30)	
	CHAIRS:	Chun-Yen Chang - Natalija Aceska	
	A0021 -	NEW SCIENCE CURRICULUM BASED ON INQUIRY-BASED LEARNING - A MODEL OF MODERN EDUCATIONAL SYSTEM IN REPUBLIC MACEDONIA	
١.		Natalija Aceska	
🗦	Δ0042 -	BLOCK VOTING IN THE CLICKER-INTEGRATED CLASSROOM: INTERACTION RETWEEN	

	CHAIRS:	Chun-Yen Chang - Natalija Aceska
MARGARET HALL	A0021 -	NEW SCIENCE CURRICULUM BASED ON INQUIRY-BASED LEARNING - A MODEL OF MODERN EDUCATIONAL SYSTEM IN REPUBLIC MACEDONIA
		Natalija Aceska
	A0042 -	BLOCK VOTING IN THE CLICKER-INTEGRATED CLASSROOM: INTERACTION BETWEEN STUDENTS' PRIOR KNOWLEDGE, CLICKING BEHAVIORS, AND CONCEPTUAL LEARNING OUTCOMES
		Chun-Yen Chang, Yu-Ta Chien
	A0049 -	HIGHER EDUCATION IN INDIA-INNOVATIONS AND CHALLENGES
		Rajnalkar Laxman, Anil Kumar Hagargi
	A0305 -	TEACHING THROUGH LEARNING STYLES: APPLICATION FOR GENERAL CHEMISTRY TEACHING
PRINCESS		Servet Yatin
	A0330 -	SCIENCE EDUCATION: BEYOND A LIMINAL UNDERSTANDING OF KNOWLEDGE PRODUCTION/DISSEMINATION
		Sandra Abegglen, Jessie Bustillos
	A0333 -	SUSTAINABLE DEVELOPMENT IN MEDITERRANEAN SMALL ISLAND DEVELOPING COUNTREIS:
		CASE OF CYPRUS
		Ali Karaduman, Arif Sari

HALL		· ODEOGENINO ANNI EE ON NOTTIN
		Nurten Sargin, Hacer Tor
	A0027 -	A SURVEY OF STUDENTS PARTICIPATING IN A TABLET-ASSISTED EDUCATION PROGRAMME
		Elif Binboğa Yel, Orhan Korhan
	A0351 -	A COMPUTER SOFTWARE FOR THE EDUCATION OF COMPLEX NETWORK ANALYSIS
FR		İlker Türker, Alper Talha Karadeniz, Serhat Orkun Tan
PRINCE AL	A0046 -	AUTOMATIC EXAM ATTENDANCE SYSTEM BASED ON ILLUMINATION INVARIANT FACE RECOGNITION
Ž		Burçin Özmen, Kamil Yurtkan
PR	A0267 -	A STUDY ON UNIVERSITY STUDENTS' FACEBOOK CONNECTION STRATEGIES AND LIFE SATISFACTION
		Ahmet Oğuz Aktürk, Barış Emlek, İsmail Çelik
	A0287 -	IMPACT OF ENCRYPTED MULTIPLE CHOICE EXAM ON STUDENT SUCCESS
		Mehtap Köse Ulukök, Zehra Borataş Şensoy
		SESSION I: April 23, 2015 – Thursday (16:00 – 17:30)
	CHAIRS:	Şafak Öztürk Aynal - Mahmut Polat
		Şafak Öztürk Aynal - Mahmut Polat A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT SOME CHEMISTRY TOPICS
		A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT
ALL	A0032 -	A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT SOME CHEMISTRY TOPICS
HALL	A0032 -	A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT SOME CHEMISTRY TOPICS Filiz Avci, Burçin Acar Şeşen, Fatma Gülay Kirbaşlar
INE HALL	A0032 - A0050 -	A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT SOME CHEMISTRY TOPICS Filiz Avci, Burçin Acar Şeşen, Fatma Gülay Kirbaşlar THE VIEW TO THREE TIER TESTS FROM LITERATURE PERSPECTIVE
OLINE HALL	A0032 - A0050 -	A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT SOME CHEMISTRY TOPICS Filiz Avci, Burçin Acar Şeşen, Fatma Gülay Kirbaşlar THE VIEW TO THREE TIER TESTS FROM LITERATURE PERSPECTIVE Sena Kilinç, Tuğçe Görkemli
CAROLINE	A0032 - A0050 - A0055 -	A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT SOME CHEMISTRY TOPICS Filiz Avci, Burçin Acar Şeşen, Fatma Gülay Kirbaşlar THE VIEW TO THREE TIER TESTS FROM LITERATURE PERSPECTIVE Sena Kilinç, Tuğçe Görkemli WHAT'S GOING ON IN THE GARDEN KIDS?: THE IMPORTANCE AND VALUE OF SCHOOL YARDS
CAROLINE	A0032 - A0050 - A0055 -	A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT SOME CHEMISTRY TOPICS Filiz Avci, Burçin Acar Şeşen, Fatma Gülay Kirbaşlar THE VIEW TO THREE TIER TESTS FROM LITERATURE PERSPECTIVE Sena Kilinç, Tuğçe Görkemli WHAT'S GOING ON IN THE GARDEN KIDS?: THE IMPORTANCE AND VALUE OF SCHOOL YARDS Safak Ozturk Aynal AN EFFICIENT MICROCONTROLLER COURSE WITH AN AFFORDABLE AND EASY TO USE
CAROLINE	A0032 - A0050 - A0055 - A0291 -	A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT SOME CHEMISTRY TOPICS Filiz Avci, Burçin Acar Şeşen, Fatma Gülay Kirbaşlar THE VIEW TO THREE TIER TESTS FROM LITERATURE PERSPECTIVE Sena Kilinç, Tuğçe Görkemli WHAT'S GOING ON IN THE GARDEN KIDS?: THE IMPORTANCE AND VALUE OF SCHOOL YARDS Safak Ozturk Aynal AN EFFICIENT MICROCONTROLLER COURSE WITH AN AFFORDABLE AND EASY TO USE DEVELOPMENT SETUP
PRINCESS CAROLINE HALL	A0032 - A0050 - A0055 - A0291 -	A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT SOME CHEMISTRY TOPICS Filiz Avci, Burçin Acar Şeşen, Fatma Gülay Kirbaşlar THE VIEW TO THREE TIER TESTS FROM LITERATURE PERSPECTIVE Sena Kilinç, Tuğçe Görkemli WHAT'S GOING ON IN THE GARDEN KIDS?: THE IMPORTANCE AND VALUE OF SCHOOL YARDS Safak Ozturk Aynal AN EFFICIENT MICROCONTROLLER COURSE WITH AN AFFORDABLE AND EASY TO USE DEVELOPMENT SETUP Mehmet Yüksekkaya, Orhan Erdem Haberal DETERMINATION OF SCIENCE TEACHERS' AND PRIMARY TEACHERS' TEACHING AND
CAROLINE	A0032 - A0050 - A0055 - A0291 -	A QUALITATIVE STUDY TO DETERMINE 7TH GRADE STUDENTS' MISCONCEPTIONS ABOUT SOME CHEMISTRY TOPICS Filiz Avci, Burçin Acar Şeşen, Fatma Gülay Kirbaşlar THE VIEW TO THREE TIER TESTS FROM LITERATURE PERSPECTIVE Sena Kilinç, Tuğçe Görkemli WHAT'S GOING ON IN THE GARDEN KIDS?: THE IMPORTANCE AND VALUE OF SCHOOL YARDS Safak Ozturk Aynal AN EFFICIENT MICROCONTROLLER COURSE WITH AN AFFORDABLE AND EASY TO USE DEVELOPMENT SETUP Mehmet Yüksekkaya, Orhan Erdem Haberal DETERMINATION OF SCIENCE TEACHERS' AND PRIMARY TEACHERS' TEACHING AND LEARNING CONCEPTIONS AND CONSTRUCTIVIST LEARNING ENVIROMENT PERCEPTIONS

SESSION I: April 23, 2015 - Thursday (16:00 - 17:30)

A0253 - THE RELATIONSHIP BETWEEN INTERNET ADDICTION AND CYBER BULLYING AMONG THE

CHAIRS: Nurten Sargin - Kamil Yurtkan

PUBESCENT: SAMPLE OF KONYA

Davut Sarıtaş, Mahmut Polat, Yüksel Tufan

SESSION I: April 23, 2015 - Thursday (16:00 - 17:30)

CHAIRS: Sinan Erten - Seyid Ahmet Sargin

PRINCE CHARLES HALL

- A0045 AN INVESTIGATION OF KNOWLEDGE. ATTITUDES AND BEHAVIOURS TOWARD SUSTAINABLE ENVIRONMENTAL EDUCATION OF THE INDIVIDUALS POST GRADUATE EDUCATION Sinan Erten, Tuğba Ecevit, Yasemin Büyükşahin
- A0056 KNOWLEDGE, ATTITUDE AND BEHAVIOUR OF UNIVERSITY STUDENTS ON SEXUALITY Sinan Erten
- A0075 THE EFFECT OF USING CREATIVE DRAMA TECHNIQUE IN MATTER'S STRUCTURE AND CHARACTERISTICS UNIT TO STUDENTS' ACADEMIC SUCCESS IN SCIENCE AND TECHNOLOGY LESSON AND STUDENTS' OPINIONS Sahin İdin
- A0077 THE COMPARISON OF COLLEGE AND UNIVERSITY STUDENTS' LEARNING STRATEGIES FOR **CHEMISTRY COURSES** Tolga Gok, Ozge Gok
- A0113 A COMPARATIVE INVESTIGATION OF TEACHER EXPECTATIONS ACCORDING TO THE WORKING CONDITION IN COASTAL OR INLAND REGIONS FOR A MORE EFFECTIVE BIOLOGY **EDUCATION**
- Seyid Ahmet Sarqin, Furkan Baltaci, Ahmet Yumuşak, Fatma Özer, Mustafa Büyükcengiz A0198 - INVESTIGATING THE RELATIONSHIP BETWEEN FOURTH GRADE STUDENTS' SCIENCE EXAM SCORES AND THEIR ACHIEVEMENT IN SCIENCE COURSE

Kadir Bilen, Ayşegül Ergün

SESSION II: April 24, 2015 - Friday (09:00 - 10:30)

CHAIRS: Patricia Mover-Packenham - Arthur Powell

- A0017 TASKS AND META-TASKS TO PROMOTE PRODUCTIVE MATHEMATICAL DISCOURSE IN COLLABORATIVE DIGITAL ENVIRONMENTS Arthur Powell, Muteb Algahtani
- A0020 INSTRUMENTAL APPROPRIATION OF A COLLABORATIVE, DYNAMIC-GEOMETRY ENVIRONMENT AND GEOMETRICAL UNDERSTANDING

Muteb Algahtani, Arthur Powell

- A0210 THE RELATIONSHIP BETWEEN AFFORDANCES OF VIRTUAL MANIPULATIVES MATHEMATICS KING EDWARD HALL APPS AND YOUNG CHILDREN'S LEARNING PERFORMANCE AND EFFICIENCY
 - Patricia Moyer-Packenham, Emma Bullock, Christina Watts, Stephen Tucker, Jessica Shumway, Katie Anderson-Pence, Arla Westenskow, Jennifer Boyer-Thurgood, Hilal Gulkilik, Kerry Jordan
 - A0034 THE RELATIONSHIP BETWEEN AFFORDANCES OF VIRTUAL MANIPULATIVE MATHEMATICS APPS AND YOUNG CHILDREN'S LEARNING PERFORMANCE AND EFFICIENCY
 - Patricia Moyer-Packenham, Hilal Gulkilik, Emma Bullock, Christina Watts, Arla Westenskow, Stephen Tucker, Jessica Shumway, Jennifer Boyer-Thurgood, Katie Anderson-Pence, Kerry
 - A0134 GENERALIZING REPEATING PATTERNS: A STUDY WITH CHILDREN AGED FOUR Margarida Rodrigues, Paula Serra
 - A0193 THE EFFECTS OF STUDENTS ATTENDANCE IN THE SUCCESS OF UNDERGRADUATE MATHEMATICAL COURSES-THE CASE OF THE SEE-UNIVERSITY Halil Snopce, Sadri Alija

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	SESSION II: April 24, 2015 – Friday (09:00 – 10:30)		
	CHAIRS:	Mahmut Selvi - Ersin Karademir	
	A0228 -	THE EFFECT OF BLENDED LEARNING METHOD ON PRESERVICE SCIENCE TEACHERS' SCIENCE TEACHING SELF-EFFICACY BELIEFS AND ATTITUDES TOWARDS TECHNOLOGY	
PRINCESS MARGARET HALL	A0118 -	Bekir Güler, Mehmet Şahin DEVELOPING AND APPLYING A TEST TO DETERMINE THE MISCONCEPTIONS OF HIGH SCHOOL STUDENTS ABOUT NEWTON'S LAW Ersin Karademir	
ARGAR	A0269 -	MIDDLE SCHOOL STUDENTS ' STUDY OF THE OPINIONS OF SMART BOARD USE OF PERMANENCE IN SCIENCE AND TECHNOLOGY	
È		Osman Karpuzcu, Cumhur Sancaktar Selamet	
SS	A0159 -	TEACHER CANDIDATES'VIEWS ON SUSTAINABLE DEVELOPMENT	
CE		Meryem Selvi, Mahmut Selvi, Ezgi Güven Yıldırım, Ayşe Nesibe Köklükaya	
PRIN	A0160 -	SCIENCE TEACHER CANDÍDATES' OPINIONS ON V-DIAGRAMS AS A MEASUREMENT AND EVALUATION METHOD	
		Mustafa Doğru, Mahmut Selvi, Ayşe Nesibe Köklükaya, Ezgi Güven Yıldırım	
	A0040 -	VIEWS OF SCIENCE AND TECHNOLOGY TEACHERS ON SCIENTIFIC PROCESS SKILLS AND THEIR IDENTIFICATION LEVELS	
		Nejla Gültepe	
		SESSION II: April 24, 2015 – Friday (09:00 – 10:30)	
		I-Tsun Chiang - Ossi Autio	
	A0060 -	POSSIBILITY OF USING SOMATOSENSORY VIDEOGAMES TO PROMOTE ZERO HOUR PHYSICAL EDUCATION IN ELEMENTARY SCHOOLS IN TAIWAN: A QUALITATIVE PERSPECTIVE	
		Hsiu-Chi Fu, I-Tsun Chiang, Shang-Ti Chen, Sheng-Hung Tsai, Mao Liu, Student Hsin-Chih Wu	
	A0064 -	ICT AND EDUCATION.GOOD PRACTICE IN SCHOOLS IN ROMANIA	
-		Silvia Moraru	
PRINCE ALFRED HALL	A0028 -	USING COMPLEXITY THEORY TO CONSTRUCT A DIGITAL LEARNING ENVIRONMENT FACILITATING EXPERIENTIAL LIFE EDUCATION PROGRAMS ON ELEMENTARY SCHOOL TEACHERS AND STUDENTS	
띨		I-Tsun Chiang, Hsiu-Chi Fu, Shang-Ti Chen, Hsin-Chih Wu, Sheng-Hung Tsai, Mao Liu	
VCE A	A0059 -	THE EFFECTS OF USING SOMATOSENSORY VIDEOGAMES TO PROMOTE "LIFE- EFFECTIVENESS" OF CHILDREN IN ELEMENTARY SCHOOLS	
PRIF		Hsin-Chih Wu, I-Tsun Chiang, Shang-Ti Chen, Shiou-Ru Chen, Sheng-Hung Tsai, Student Hsiu- Chi Fu	
	40035	TECHNOLOGY EDUCATION IN FINLAND - CRAFT, CREATIVITY, TEXTBOOK OR TECHNOLOGY	
	A0025 -	· · · · · · · · · · · · · · · · · · ·	
	A0025 -	Ossi Autio	
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		SESSION II: April 24, 2015 – Friday (09:00 – 10:30)
	CHAIRS:	Sefa Dündar - Ayşegül Alaybeyoğlu
	A0084 -	PRE-SERVICE ELEMENTARY MATHEMATICS TEACHERS' PROGRESSES ON DYNAMIC
		GEOMETRY ACTIVITIES AND VIEWS ABOUT USING DYNAMIC GEOMETRY REGARDING
		TECHNOLOGICAL PEDAGOGICAL CONTENT KNOWLEDGE
HALL		Bilal Özçakir, Erdinç Çakiroğlu
	A0085 -	THE EXAMINATION OF RELATIONSHIP BETWEEN WRITING SKILLS AND MATHEMATICS
뷜		SUCCESS OF PRIMARY MATHEMATICS TEACHER CANDIDATES
\equiv		Sefa Dündar, Levent Akgün
CAROLINE	A0086 -	EXAMINATION TENTH GRADE STUDENTS' ERRORS IN FUNCTIONS
_		Mustafa Gök, Abdulkadir Erdoğan
ESS	A0129 -	EVALUATION OF NUMBER SENSE DEVELOPMENT IN PRIMARY SCHOOL STUDENTS
2		Sidika Akyüz Aru
PRINCESS	A0125 -	FUZZY LOGIC BASED GREGORC'S LEARNING SYSTEM
4		Vildan Cinarli, Naciye Mulayim, Ali Ozdemir, Aysegul Alaybeyoglu
	A0245 -	THE POWER OF SELF-EFFICACY BELIEFS AIMED AT LEARNING AND PERFORMANCE TO
		PREDICT THEIR ENGAGEMENT IN MATH CLASS
		Neşe Özkal, Cengiz Erdik

		SESSION II: April 24, 2015 – Friday (09:00 – 10:30)
	CHAIRS:	Ali Eraslan - Recai Akkaya
	A0096 -	A MODEL ELICITING PROBLEM: AIRCRAFT BOARDING PROBLEM
		Neslihan Şahin Çelik, Ali Eraslan
١.	A0097 -	MIDDLE SCHOOL STUDENTS' MODELING PROCESESS: SUMMER READING PROBLEM
HALL		Neslihan Şahin Çelik, Ali Eraslan
	A0100 -	TENTH GRADE STUDENTS' UNDERSTANDING OF GEOMETRIC TRANSFORMATIONS:
ΙË		"FUNCTIONS" OR "MOTIONS"?
AR		Hilal Gülkılık, Hasan Hüseyin Uğurlu, Nejla Yürük
CHARLES	A0110 -	TEACHING OF RATIO CONCEPT IN A CONSTRUCTIVIST LEARNING ENVIRONMENT
_		Mustafa Gök, Erdal Beyde, Abdulkadir Erdoğan
PRINCE	A0225 -	DEVELOPMENT OF A LESSON PLAN FOR TEACHING RADICAL EXPRESSIONS THROUGH LESSON
PR		STUDY
		Aytug Ozaltun Celik, Esra Bukova Güzel

A0191 - EXAMINATION ON THE PROCESSES OF INFORMATION CONSTRUCTION BY 7TH GRADE STUDENTS WITHIN A CONSTRUCTIVE LEARNING ENVIRONMENT

Recai Akkaya

		SESSION III: April 24, 2015 – Friday (15:30 – 17:00)
	CHAIRS:	Cengiz Erdik - Tolga Gök
	A0103 -	PROBLEMATIC ONLINE GAME USE SCALE: VALIDITY AND RELIABILITY OF THE TURKISH VERSION
		Ahmet Akin , Çınar Kaya , Ümran Akin, Erol Uğur, Elif Ak, Ali Seçgin
HALL	A0126 -	THE OPINIONS OF PARENTS REGARDING THE SAFE USE OF THE INTERNET BY CHILDREN
		Mehtap Songül Özkaya
8	A0076 -	THE POSITIVE AND NEGATIVE EFFECTS OF DIGITAL TECHNOLOGIES ON STUDENTS' LEARNING
ΙĒ		Tolga Gok
EDWARD	A0133 -	AN M-LEARNING TOOL FOR PRE-SCHOOL KIDS
		Mustafa Tarım, Celal Öztürk, Gülçin Yüklü
KING	A0136 -	THE EFFECTS OF USING INTERACTIVE WHITEBOARD ON MATHEMATICS SUCCESS, ENGAGEMENT, ATTITUDE AND ANXIETY
		Cengiz Erdik, Neşe Özkal, Fatih Sagir
	A0178 -	ATTITUDES OF PRE-SCHOOL TEACHERS TOWARDS USING INFORMATION AND
		COMMUNICATION TECHNOLOGIES
		Ahmet Sami Konca, Hikmet Zelyurt, Erdoğan Özel
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		SESSION III: April 24, 2015 – Friday (15:30 – 17:00)
	CHAIRS:	Allan Tarp - Margarida Rodrigues
	A0119 -	PEDAGOGICAL AND PRACTICAL ISSUES RELATED TO THE PROFESSIONAL DEVELOPMENT OF A GROUP OF MATHEMATICS TEACHERS IN URBAN HIGH NEEDS SCHOOLS
١.		Janice Fournillier, Christine Thomas, Draga Vidakovic, Pier Junor Clarke
HALL	A0342 -	PRESCHOOLERS LEARNING PROPORTIONALITY AND INTEGRATION THROUGH ICONCOUNTING AND NEXTTO ADDITION
ĒT		Allan Tarp
ICESS MARGARET	A0093 -	PROBLEM-BASED LEARNING ASSOCIATED BY ACTION-PROCESS-OBJECT-SCHEMA (APOS) THEORY TO ENHANCE STUDENTS' HIGH ORDER MATHEMATICAL THINKING ABILITY
		Achmad Mudrikah
	A0111 -	DEVELOPMENT OF MATHEMATICS FOR HIGH SCHOOL STUDENTS COURSE MATERIALS BY USING PROBLEMBASED LEARNING APPROACH BASED ON ACTION-PROCESS-OBJECT-SCHEMA (APOS) THEORY
PRINCI		Achmad Mudrikah, Luki Luqmanul Hakim
Δ.	A0135 -	ADDITIVE FLEXIBLE CALCULATION IN 1ST AND 2ND GRADES PUPILS
		Margarida Rodrigues
	A0106 -	PREFERENCE LEARNING STYLE IN MATHEMATICS: STUDENTS PERCEPTION
		Sadri Alija, Halil Snopce

	CHAIRS:	Mustafa Cansiz - Zeynep Nalan Yilmaz
PRINCE ALFRED HALL	A0128 -	TEACHERS' VIEWS ON ANIMATIONS WITH MUSIC IN MIDDLE SCHOOL SCIENCE AND TECHNOLOGY COURSE
		Buket Akyol, Hülya Kahyaoğlu, Ela Ayşe Köksal
	A0131 -	PRESERVICE SCIENCE TEACHERS' CONCERNS FOR EDUCATING STUDENTS WITH SPECIAL NEEDS IN THEIR FUTURE CLASSROOMS
		Mustafa Cansiz, Nurcan Cansiz
	A0122 -	A PRACTICAL DILEMMA: HIGH SCHOOL STUDENTS' PHYSICS-RELATED PERSONAL EPISTEMOLOGY
₹		Muhammet Mustafa Alpaslan, Bugrahan Yalvac
3	A0138 -	ATTITUDES OF UNIVERSITY STUDENTS TOWARDS BIOTECHNOLOGY AND ITS APPLICATIONS
I≅		Sibel Kahraman, Evrim Ocal
4	A0195 -	VIEWS OF PROPECTIVE TEACHERS' ABOUT LEARNING AND TEACHING PROCESS AND
		EVALUATION OF CONCEPTUAL DEVELOPMENT
		Zeynep Nalan Yilmaz, Ozge Aydin
	A0132 -	THE CHALLENGES FACED BY PRESERVICE SCIENCE TEACHERS DURING TEACHING PRACTICE
		Nurcan Cansiz, Mustafa Cansiz
		SESSION III: April 24, 2015 – Friday (15:30 – 17:00)
		1 / / / /
	CHAIRS:	Perihan Dinç Artut - Melike Yiğit Koyunkaya
		Perihan Dinç Artut - Melike Yiğit Koyunkaya THE IMPACTS OF GEOGEBRA ON PRE-SERVICE MATHEMATICS TEACHERS' MENTAL
IALL	A0170 -	Perihan Dinç Artut - Melike Yiğit Koyunkaya THE IMPACTS OF GEOGEBRA ON PRE-SERVICE MATHEMATICS TEACHERS' MENTAL CONSTRUCTIONS OF RIGHT TRIANGLES
E HALL	A0170 -	Perihan Dinç Artut - Melike Yiğit Koyunkaya THE IMPACTS OF GEOGEBRA ON PRE-SERVICE MATHEMATICS TEACHERS' MENTAL CONSTRUCTIONS OF RIGHT TRIANGLES Melike Yiğit Koyunkaya THE EXAMINATION OF PRE-SERVICE MATHEMATICS TEACHERS' THOUGHTS ABOUT
SOLINE HALL	A0170 - A0281 -	Perihan Dinç Artut - Melike Yiğit Koyunkaya THE IMPACTS OF GEOGEBRA ON PRE-SERVICE MATHEMATICS TEACHERS' MENTAL CONSTRUCTIONS OF RIGHT TRIANGLES Melike Yiğit Koyunkaya THE EXAMINATION OF PRE-SERVICE MATHEMATICS TEACHERS' THOUGHTS ABOUT MATHEMATICS LEARNING ACTIVITIES AND THE ACTIVITIES THAT THEY DEVELOPED
CAROLINE HALL	A0170 - A0281 -	Perihan Dinç Artut - Melike Yiğit Koyunkaya THE IMPACTS OF GEOGEBRA ON PRE-SERVICE MATHEMATICS TEACHERS' MENTAL CONSTRUCTIONS OF RIGHT TRIANGLES Melike Yiğit Koyunkaya THE EXAMINATION OF PRE-SERVICE MATHEMATICS TEACHERS' THOUGHTS ABOUT MATHEMATICS LEARNING ACTIVITIES AND THE ACTIVITIES THAT THEY DEVELOPED Melike Yigit Koyunkaya, Berna Tataroğlu Taşdan, Işıkhan Uğurel THE INFLUENCE OF SPECİALEDUCATION COURSE ON CHANGING MATHEMATICS AND
SESS CAROLINE HALL	A0170 - A0281 - A0208 -	Perihan Dinç Artut - Melike Yiğit Koyunkaya THE IMPACTS OF GEOGEBRA ON PRE-SERVICE MATHEMATICS TEACHERS' MENTAL CONSTRUCTIONS OF RIGHT TRIANGLES Melike Yiğit Koyunkaya THE EXAMINATION OF PRE-SERVICE MATHEMATICS TEACHERS' THOUGHTS ABOUT MATHEMATICS LEARNING ACTIVITIES AND THE ACTIVITIES THAT THEY DEVELOPED Melike Yigit Koyunkaya, Berna Tataroğlu Taşdan, Işıkhan Uğurel THE INFLUENCE OF SPECİALEDUCATION COURSE ON CHANGİNG MATHEMATICS AND TURKISH TEACHERS VİEW OF INCLUSIVE EDUCATION
INCESS CAROLINE HALL	A0170 - A0281 - A0208 -	Perihan Dinç Artut - Melike Yiğit Koyunkaya THE IMPACTS OF GEOGEBRA ON PRE-SERVICE MATHEMATICS TEACHERS' MENTAL CONSTRUCTIONS OF RIGHT TRIANGLES Melike Yiğit Koyunkaya THE EXAMINATION OF PRE-SERVICE MATHEMATICS TEACHERS' THOUGHTS ABOUT MATHEMATICS LEARNING ACTIVITIES AND THE ACTIVITIES THAT THEY DEVELOPED Melike Yigit Koyunkaya, Berna Tataroğlu Taşdan, Işıkhan Uğurel THE INFLUENCE OF SPECİALEDUCATİON COURSE ON CHANGİNG MATHEMATİCS AND TURKISH TEACHERS VİEW OF INCLUSIVE EDUCATION Tüğba Horzum, Kemal İzci 7TH GRADE STUDENTS' PROBLEM SOLVING SUCCESS RATES ON PROPORTIONAL REASONING
PRINCESS CAROLINE HALL	A0170 - A0281 - A0208 - A0142 -	Perihan Dinç Artut - Melike Yiğit Koyunkaya THE IMPACTS OF GEOGEBRA ON PRE-SERVICE MATHEMATICS TEACHERS' MENTAL CONSTRUCTIONS OF RIGHT TRIANGLES Melike Yiğit Koyunkaya THE EXAMINATION OF PRE-SERVICE MATHEMATICS TEACHERS' THOUGHTS ABOUT MATHEMATICS LEARNING ACTIVITIES AND THE ACTIVITIES THAT THEY DEVELOPED Melike Yigit Koyunkaya, Berna Tataroğlu Taşdan, Işıkhan Uğurel THE INFLUENCE OF SPECIALEDUCATION COURSE ON CHANGING MATHEMATICS AND TURKISH TEACHERS VİEW OF INCLUSIVE EDUCATION Tüğba Horzum, Kemal İzci 7TH GRADE STUDENTS' PROBLEM SOLVING SUCCESS RATES ON PROPORTIONAL REASONING PROBLEMS
PRINCESS CAROLINE HALL	A0170 - A0281 - A0208 - A0142 -	Perihan Dinç Artut - Melike Yiğit Koyunkaya THE IMPACTS OF GEOGEBRA ON PRE-SERVICE MATHEMATICS TEACHERS' MENTAL CONSTRUCTIONS OF RIGHT TRIANGLES Melike Yiğit Koyunkaya THE EXAMINATION OF PRE-SERVICE MATHEMATICS TEACHERS' THOUGHTS ABOUT MATHEMATICS LEARNING ACTIVITIES AND THE ACTIVITIES THAT THEY DEVELOPED Melike Yigit Koyunkaya, Berna Tataroğlu Taşdan, Işıkhan Uğurel THE INFLUENCE OF SPECIALEDUCATION COURSE ON CHANGING MATHEMATICS AND TURKISH TEACHERS VIEW OF INCLUSIVE EDUCATION Tuğba Horzum, Kemal İzci 7TH GRADE STUDENTS' PROBLEM SOLVING SUCCESS RATES ON PROPORTIONAL REASONING PROBLEMS Mustafa Serkan Pelen, Perihan Dinç Artut REFLECTION OF A TEACHER'S KNOWLEDGE OF STUDENT THINKING ON TEACHING
PRINCESS CAROLINE HALL	A0170 - A0281 - A0208 - A0142 -	Perihan Dinç Artut - Melike Yiğit Koyunkaya THE IMPACTS OF GEOGEBRA ON PRE-SERVICE MATHEMATICS TEACHERS' MENTAL CONSTRUCTIONS OF RIGHT TRIANGLES Melike Yiğit Koyunkaya THE EXAMINATION OF PRE-SERVICE MATHEMATICS TEACHERS' THOUGHTS ABOUT MATHEMATICS LEARNING ACTIVITIES AND THE ACTIVITIES THAT THEY DEVELOPED Melike Yigit Koyunkaya, Berna Tataroğlu Taşdan, Işıkhan Uğurel THE INFLUENCE OF SPECİALEDUCATION COURSE ON CHANGİNG MATHEMATİCS AND TURKISH TEACHERS VİEW OF INCLUSIVE EDUCATION Tuğba Horzum, Kemal İzci 7TH GRADE STUDENTS' PROBLEM SOLVING SUCCESS RATES ON PROPORTIONAL REASONING PROBLEMS Mustafa Serkan Pelen, Perihan Dinç Artut REFLECTION OF A TEACHER'S KNOWLEDGE OF STUDENT THINKING ON TEACHING TRIGONOMETRICAL RATIOS IN A RIGHT-ANGLED TRIANGLE

SESSION III: April 24, 2015 - Friday (15:30 - 17:00)

CHAIRS: Mustafa Cansiz - Zeynep Nalan Yilmaz

		SESSION III: April 24, 2015 – Friday (15:30 – 17:00)
	CHAIRS:	Khitam Shraim - Niyazi Erdoğan
	A0140 -	EDULABS – THE AGIRE PROJECT: OBJECTIVES, MONITORING AND EXPECTATIONS
		Lúcia Pombo, Vânia Carlos, Maria João Loureiro
پ ا	A0164 -	EFFECTS OF INPUT AND PROCESS FACTORS ON ACADEMIC ACHIEVEMENT IN TEXAS PUBLIC HIGH SCHOOLS
HALL		Niyazi Erdogan, Ayse Tugba Oner, Robert M. Capraro, Mary Margaret Capraro
	A0063 -	TPACK FRAMEWORK FOR TEACHERS' PROFESSIONAL DEVELOPMENT
R		Khitam Shraim
CHARLES	A0146 -	INVESTIGATING TECHNOLOGY, CONTENT, AND PEDAGOGY READINESS OF PRE-SERVICE TEACHERS ATTENDING TEACHER CERTIFICATE PROGRAM IN TURKEY
SE		Ibrahim Delen, Sedat Sen, Niyazi Erdogan
PRINCE	A0279 -	TECHNOLOGY- BASED TEACHING AND LEARNING :A QUANTITATIVE ANALYSIS ON EFFECTIVENESS OF ICT INTEGRATION IN SCHOOLS Simin Ghavifekr, Ahmad Zabidi Abd Razak
	A0065 -	A POSSIBLE MECHANISM FOR ENHANCING THE ADVANCED KNOWLEDGE CONSTRUCTION IN ONLINE LEARNING COMMUNITIES
		Sheng-Yi Wu

SESSION IV: April 24, 2015 - Friday (17:00 - 19:00)

CHAIRS: Gökhan Serin - Mehmet Oğuz

A0102 - THE VALIDITY AND RELIABILITY STUDIES OF TURKISH VERSION OF THE SMARTPHONE ADDICTION PRONENESS SCALE

Ahmet Akin , Çınar Kaya , Lale Şentürk, Ümran Akin, Tuğba Çebiş, Erol Uğur

A0293 - PROMOTING CRITICAL THINKING IN PHYSICS TEACHING THROUGH INTERACTIVE DIGITAL GAMES

Gökhan Serin

KING EDWARD HALL

A0091 - CANDIDATE TEACHERS VIEWS TOWARDS THE USE OF INTERACTIVE BOARD Ebru Korkmaz, Celalettin Korkmaz

A0194 - THE EVALUATION OF ATTITUDES OF DISTANCE EDUCATION OF DISTANCE EDUCATION UNDERGRADUATE COMPLETING STUDENTS

Ömer Kürşad Tüfekci, Nezihe Tüfekci

	3E3310N IV. April 24, 2013 - Filday (17.00 - 19.00)			
	CHAIRS:	Emre Ev Çimen - Hafize Gümüş		
MARGARET HALL	A0043 -	ACCORDING TO THE TEACHERS' OPINIONS, TEACHING MATHEMATICS IN THE 5TH GRADES IN NEW 4+4+4 EDUCATION SYSTEM Hafize Gumus		
	A0031 -	TEACHING THE LINES, ANGLES AND POLYGONS ACCORDING TO CONSTRUCTIVISIM SUPPORTED BY CONCEPT CARTOONS Fatma Canan Göksu, Necla Köksal		
	A0212 -	EXAMINING THE PROOF SKILLS OF PRE-SERVICE ELEMENTARY MATHEMATICS TEACHERS RELATED TO THE BASIC MATHEMATICAL FACTS		
Æ		Şahin Danişman, Emre Ev Çimen		
PRINCESS MA	A0224 -	AN ANALYSIS OF 11TH GRADE STUDENTS' CONCEPTUAL KNOWLEDGE ON SOME SPECIAL NUMBERS AND NUMBER SETS IN MATHEMATICS		
N		Emre Ev Cimen, Kürşat Yenilmez		
PRIN	A0186 -	ANALYZING THE PROBLEM POSING SITUATIONS RELATED TO THE INTEGERS IN THE 6TH AND 7TH GRADE MATHEMATICS TEXTBOOKS		

SESSION IV: April 24, 2015 - Eriday (17:00 - 19:00)

SESSION IV: April 24, 2015 – Friday ((17:00 – 19:00)

CHAIRS: Nurten Sargin - Nilgün Özdamar Keskin

PRINCESS CAROLINE HALL

Pinar Çölkesen, Tuğba Horzum

A0306 - MOBILE VIEW ON MARKETING EDUCATION: MARKETING GENIUS APPLICATION

Nilgün Özdamar Keskin

A0346 - LEARNING AND USER ANALYTICS IN MOBILE TECHNOLOGY TOOLS: A LITERATURE REVIEW Muhammed Emin Demirbaş, Mustafa Koç

A0347 - THE RELATIONSHIP BETWEEN CYBER BULLYING AND CYBER VICTIMIZATION AMONG ADOLESCENTS: THE SAMPLE OF KONYA

Nurten SARGIN

A0205 - TO WHAT EXTEND IS TECHNOLOGY USED IN PRIMARY MATHEMATICS TEXTBOOKS?

Nazan Gündüz, Figen Bozkuş, Ülkü Ayvaz, Soner Durmuş

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		C,	dokilali ozdelili - Lia Ayşe koksal
		A0149 -	AN ACHIEVEMENT TEST DEVELOPMENT STUDY: ELECTRICAL UNIT IN OUR LIVES ACHIEVEMENT TEST VALIDITY AND RELIABILITY RESEARCH
			Şahin İdin, Cemil Aydoğdu
	⇉	A0155 -	ANALYSIS OF SECONDARY STUDENTS' CONCEPTUAL UNDERSTANDINGS ON THE TOPIC OF MIRRORS
	HALL		Özgür Anil, Erhan Akkilik, Hüseyin Küçüközer
Ŀ	۵	A0157 -	EVALUATION OF PROBLEM-BASED LEARNING ACTIVITY BY STUDENTS
	₹		Ela Ayşe Köksal, Zehra Molu, Gökhan Özdemir, Hülya Kahyaoğlu, Mehmet Tunçel
	ᇤ	A0158 -	PERSONAL EPISTEMOLOGY AS PREDICTORS OF PHYSICS ACHIEVEMENT IN TURKISH HIGH SCHOOL STUDENTS
	KING		Muhammet Mustafa Alpaslan, Hakan Isik, Fatma Alpaslan
	☲	A0211 -	GAINING INSECT AND PLANT COLLECTORSHIP SKILLS VIA NATURE EDUCATION TO THE SECONDARY SCHOOL STUDENTS
			Ersin Karademir, Elif Karademir, Eren Can Aybek, Zeynep Akın Demircan
		A0229 -	THE PERCEPTION OF ENVIRONMENTAL KNOWLEDGE AND ENVIRONMENTAL PROBLEMS FROM PRIMARY TO HIGHER EDUCATION
L			Altay Firat, Aşkin Kiraz
L			Altay Firat, Aşkın Kıraz
			SESSION V: April 25, 2015 – Saturday (09:00 – 10:30)
		CHAIRS:	
			SESSION V: April 25, 2015 – Saturday (09:00 – 10:30)
			SESSION V: April 25, 2015 – Saturday (09:00 – 10:30) Kadir Bilen - Özkan Kahraman
		A0282 -	SESSION V: April 25, 2015 — Saturday (09:00 — 10:30) Kadir Bilen - Özkan Kahraman GRADE 5 STUDENTS' MENTAL MODELS ON ELECTRICAL CIRCUITS
	¥	A0282 -	SESSION V: April 25, 2015 – Saturday (09:00 – 10:30) Kadir Bilen - Özkan Kahraman GRADE 5 STUDENTS' MENTAL MODELS ON ELECTRICAL CIRCUITS Gonca Harman, Aytekin Çökelez
		A0282 - A0283 -	SESSION V: April 25, 2015 — Saturday (09:00 — 10:30) Kadir Bilen - Özkan Kahraman GRADE 5 STUDENTS' MENTAL MODELS ON ELECTRICAL CIRCUITS Gonca Harman, Aytekin Çökelez INQUIRE OF THE ELECTRICAL CIRCUIT
		A0282 - A0283 -	SESSION V: April 25, 2015 — Saturday (09:00 — 10:30) Kadir Bilen - Özkan Kahraman GRADE 5 STUDENTS' MENTAL MODELS ON ELECTRICAL CIRCUITS Gonca Harman, Aytekin Çökelez INQUIRE OF THE ELECTRICAL CIRCUIT Gonca Harman, Aytekin Çökelez DETERMINING AND COMPARING THE PHYSICS ATTITUDE STATE OF İBRAHİM CİNKAYA
	ARGARET	A0282 - A0283 - A0173 -	SESSION V: April 25, 2015 — Saturday (09:00 — 10:30) Kadir Bilen - Özkan Kahraman GRADE 5 STUDENTS' MENTAL MODELS ON ELECTRICAL CIRCUITS Gonca Harman, Aytekin Çökelez INQUIRE OF THE ELECTRICAL CIRCUIT Gonca Harman, Aytekin Çökelez DETERMINING AND COMPARING THE PHYSICS ATTITUDE STATE OF İBRAHİM CİNKAYA SOCIAL SCIENCE HIGH SCHOOL STUDENTS IN DENİZLİ CITY

SESSION V: April 25, 2015 - Saturday (09:00 - 10:30)

CHAIRS: Gökhan Özdemir - Ela Ayşe Köksal

Ayşegül Ergün, Kadir Bilen

Gökhan Özdemir, Engin Ünlü

A0176 - DETERMINATION SECONDARY SCHOOL STUDENTS' PERCEPTIONS OF PSEUDO-SCIENTIFIC

A0161 - THE EFFECTS OF TECHNOLOGY SUPPORTED TEACHING AND CONCEPTUAL CHANGE TEXTS

FOR THE REMEDYING THE MISCONCEPTIONS ON THE TOPIC OF CELL

		SESSION V: April 25, 2015 – Saturday (09:00 – 10:30)
	CHAIRS:	Hakan Yaman - Sefa Dündar
	A0165 -	EXAMINING OF PROBLEMS PARTAKING IN HIGH SCHOOL TEXTBOOKS IN ACCORDANCE WITH THE OPINIONS OF TEACHERS
		Deniz Sevcan Ökşen, Canselin Alıç, Ayten Pınar Bal, Perihan Dinç Artut
HALL	A0167 -	AN INVESTIGATION OF SEVENTH GRADE STUDENTS' CREATING EQUATION AND PROBLEM POSING SKILLS
_		Ümmühan Betül Dağistan, Tuğba Horzum
	A0168 -	MIDDLE SCHOOL STUDENTS' PERCEPTIONS OF SOME GEOMETRY SYMBOLS
ALFRED		Zeynep Nur Kiliç, Tuğba Horzum
PRINCE AI	A0242 -	INVESTIGATION OF PRESERVICE TEACHERS' BRAIN WAVES IN THE PROCESS OF SOLVING NUMERICAL PATTERN PROBLEMS PRESENTED IN DIFFERENT PRESENTATION FORMS
S		Sefa Dündar, Hakan Yaman, Ülkü Ayvaz
Б	A0066 -	INVESTIGATING 11TH GRADE STUDENTS' VAN-HIELE LEVEL 2 OF GEOMETRICAL THINKING
		Alattin Ural
	A0072 -	THE EFFECT OF TEACHER'S PEDAGOGIC COMPETENCY ON STUDENTS' ATTITUDE TOWARD MATHEMATICS
		Alattin Ural

		SESSION V: April 25, 2015 – Saturday (09:00 – 10:30)
	CHAIRS:	Ok-Kyeong Kim - Mustafa Jwaifell
	A0172 -	INVESTIGATING THE USE OF TECHNOLOGY ON PROSPECTIVE TEACHER THINKING
_		PREFERENCES: COMPARING SOLUTIONS OF GEOMETRY PROBLEMS WITH AND WITHOUT
HALL		TECHNOLOGY Did on Alvura
I		Didem Akyuz
NE	A0127 -	LEARNING ABOUT THE BULLWHIP EFFECT USING COLORED PETRI NET SIMULATOR
II)		Dragana Makajić-Nikolić, Biljana Panić, Bisera Andrić Gušavac, Ivana Kovačević
CAROLINE	A0202 -	ONLINE LEARNING: CAN VIDEO ENHANCE LEARNING?
CA		Karim Hajhashemi, Neil Anderson, Cliff Jackson, Nerina Caltabiano
SS	A0115 -	HOW TO MAKE INTERACTIVE MULTI-MEDIA LESSONS FOR EFL AND ESL LEARNERS
JCE		Morteza Barin
PRINCESS	A0003 -	TEACHERS' PERCEPTIONS OF WEBQUEST AS EFFECTIVE TEACHING TOOL
Ь		Mustafa Jwaifell
	A0087 -	THE ROLE OF TEACHER AND CURRICULUM IN INTERVENTIONS IN DAILY LESSONS
		Ok-Kyeong Kim

CHARLES HALL	A0177 -	HERITAGE IN TURKISH ELEMENTARY SCIENCE EDUCATION
		Ela Ayşe Köksal
	A0179 -	EXAMINATION OF LEVEL FOR RADON AWARENESS OF STUDENTS IN TERMS OF SOME
		VARIABLES: A SAMPLE OF NEVSEHİR
	40103	Mahmut Polat, Davut Saritaş ELEMENTARY SCIENCE TEACHER EDUCATION STUDENTS' VIEWS ON A PLAY ACTIVITY
	AU182 -	
	40200	Zehra Molu, Ela Ayşe Köksal THE IMPACT OF LEARNING STYLE OF PHYSICS TEACHERS ON LEARNING PRACTICES
	A0298 -	
ICE	40100	Aysegul Saglam Arslan, Engin Kangal
PRINCE	A0190 -	PARADIGMS OF TERTIARY PHYSICS, CHEMISTRY AND BIOLOGY STUDENTS AND PRESERVICE SCIENCE TEACHERS ABOUT THE PHENOMENON OF SCIENCE
		Evrim Ocal, Suleyman Nihat Sad, Huseyin Kahraman
	A0288 -	WHICH ONE IS BETTER: JIGSAW II VERSUS JIGSAW IV ON THE SUBJECT OF THE BUILDING BLOCKS OF MATTER AND ATOM
		Hakan Türkmen, Didem Büyükaltay
		SESSION VI: April 25, 2015 – Saturday (15:30 – 17:00)
		32331011 VII April 23, 2013 Suturday (13.30 17.00)
		Ayten Pınar Bal - Kemal Altiparmak
	CHAIRS:	• • • • • • • • • • • • • • • • • • • •
	CHAIRS:	Ayten Pınar Bal - Kemal Altiparmak
	CHAIRS: A0166 -	Ayten Pinar Bal - Kemal Altiparmak EXAMINING OF PROBLEMS PARTAKING IN MATHS TEXTBOOKS OF NINTH GRADE
ורר	CHAIRS: A0166 -	Ayten Pinar Bal - Kemal Altiparmak EXAMINING OF PROBLEMS PARTAKING IN MATHS TEXTBOOKS OF NINTH GRADE Canselin Alic, Deniz Sevcan Ökşen, Perihan Dinç Artut, Ayten Pinar Bal STUDENTS' ALGEBRAIC THINKING LEVELS AND THE LEVELS OF USE OF THE
ARD HALL	CHAIRS: A0166 - A0323 -	Ayten Pinar Bal - Kemal Altiparmak EXAMINING OF PROBLEMS PARTAKING IN MATHS TEXTBOOKS OF NINTH GRADE Canselin Alic, Deniz Sevcan Ökşen, Perihan Dinç Artut, Ayten Pinar Bal STUDENTS' ALGEBRAIC THINKING LEVELS AND THE LEVELS OF USE OF THE REPRESENTATIONS
WARD HALL	CHAIRS: A0166 - A0323 -	Ayten Pinar Bal - Kemal Altiparmak EXAMINING OF PROBLEMS PARTAKING IN MATHS TEXTBOOKS OF NINTH GRADE Canselin Alıç, Deniz Sevcan Ökşen, Perihan Dinç Artut, Ayten Pinar Bal STUDENTS ' ALGEBRAIC THINKING LEVELS AND THE LEVELS OF USE OF THE REPRESENTATIONS Deniz Sevcan Ökşen, Ayten Pinar Bal EXAMINING THE OPINIONS OF MATHEMATICS TEACHER CANDIDATES REGARDING THE MATERIALS DEVELOPED IN INSTRUCTIONAL TECHNOLOGIES AND MATERIAL DEVELOPMENT
NG EDWARD HALL	CHAIRS: A0166 - A0323 - A0200 -	Ayten Pinar Bal - Kemal Altiparmak EXAMINING OF PROBLEMS PARTAKING IN MATHS TEXTBOOKS OF NINTH GRADE Canselin Alıç, Deniz Sevcan Ökşen, Perihan Dinç Artut, Ayten Pinar Bal STUDENTS ' ALGEBRAIC THINKING LEVELS AND THE LEVELS OF USE OF THE REPRESENTATIONS Deniz Sevcan Ökşen, Ayten Pinar Bal EXAMINING THE OPINIONS OF MATHEMATICS TEACHER CANDIDATES REGARDING THE MATERIALS DEVELOPED IN INSTRUCTIONAL TECHNOLOGIES AND MATERIAL DEVELOPMENT COURSE
KING EDWARD HALL	CHAIRS: A0166 - A0323 - A0200 -	Ayten Pinar Bal - Kemal Altiparmak EXAMINING OF PROBLEMS PARTAKING IN MATHS TEXTBOOKS OF NINTH GRADE Canselin Aliç, Deniz Sevcan Ökşen, Perihan Dinç Artut, Ayten Pinar Bal STUDENTS ' ALGEBRAIC THINKING LEVELS AND THE LEVELS OF USE OF THE REPRESENTATIONS Deniz Sevcan Ökşen, Ayten Pinar Bal EXAMINING THE OPINIONS OF MATHEMATICS TEACHER CANDIDATES REGARDING THE MATERIALS DEVELOPED IN INSTRUCTIONAL TECHNOLOGIES AND MATERIAL DEVELOPMENT COURSE Deniz Sevcan Ökşen, Ayten Pinar Bal 7TH AND 8TH GRADE STUDENTS' PERCEPTIONS OF ALGEBRAIC EXPRESSIONS AND
KING EDWARD HALL	CHAIRS: A0166 - A0323 - A0200 -	Ayten Pinar Bal - Kemal Altiparmak EXAMINING OF PROBLEMS PARTAKING IN MATHS TEXTBOOKS OF NINTH GRADE Canselin Aliç, Deniz Sevcan Ökşen, Perihan Dinç Artut, Ayten Pinar Bal STUDENTS' ALGEBRAIC THINKING LEVELS AND THE LEVELS OF USE OF THE REPRESENTATIONS Deniz Sevcan Ökşen, Ayten Pinar Bal EXAMINING THE OPINIONS OF MATHEMATICS TEACHER CANDIDATES REGARDING THE MATERIALS DEVELOPED IN INSTRUCTIONAL TECHNOLOGIES AND MATERIAL DEVELOPMENT COURSE Deniz Sevcan Ökşen, Ayten Pinar Bal 7TH AND 8TH GRADE STUDENTS' PERCEPTIONS OF ALGEBRAIC EXPRESSIONS AND EQUATIONS
KING EDWARD HALL	CHAIRS: A0166 - A0323 - A0200 -	Ayten Pinar Bal - Kemal Altiparmak EXAMINING OF PROBLEMS PARTAKING IN MATHS TEXTBOOKS OF NINTH GRADE Canselin Alic, Deniz Sevcan Ökşen, Perihan Dinç Artut, Ayten Pinar Bal STUDENTS' ALGEBRAIC THINKING LEVELS AND THE LEVELS OF USE OF THE REPRESENTATIONS Deniz Sevcan Ökşen, Ayten Pinar Bal EXAMINING THE OPINIONS OF MATHEMATICS TEACHER CANDIDATES REGARDING THE MATERIALS DEVELOPED IN INSTRUCTIONAL TECHNOLOGIES AND MATERIAL DEVELOPMENT COURSE Deniz Sevcan Ökşen, Ayten Pinar Bal 7TH AND 8TH GRADE STUDENTS' PERCEPTIONS OF ALGEBRAIC EXPRESSIONS AND EQUATIONS Fatma Sümeyye Apan, Tuğba Horzum RELATIONSHIP BETWEEN LEARNING STYLES AND ATTITUDES TOWARD GEOMETRY OF
KING EDWARD HALL	CHAIRS: A0166 - A0323 - A0200 - A0201 -	Ayten Pinar Bal - Kemal Altiparmak EXAMINING OF PROBLEMS PARTAKING IN MATHS TEXTBOOKS OF NINTH GRADE Canselin Alic, Deniz Sevcan Ökşen, Perihan Dinç Artut, Ayten Pinar Bal STUDENTS' ALGEBRAIC THINKING LEVELS AND THE LEVELS OF USE OF THE REPRESENTATIONS Deniz Sevcan Ökşen, Ayten Pinar Bal EXAMINING THE OPINIONS OF MATHEMATICS TEACHER CANDIDATES REGARDING THE MATERIALS DEVELOPED IN INSTRUCTIONAL TECHNOLOGIES AND MATERIAL DEVELOPMENT COURSE Deniz Sevcan Ökşen, Ayten Pinar Bal 7TH AND 8TH GRADE STUDENTS' PERCEPTIONS OF ALGEBRAIC EXPRESSIONS AND EQUATIONS Fatma Sümeyye Apan, Tuğba Horzum RELATIONSHIP BETWEEN LEARNING STYLES AND ATTITUDES TOWARD GEOMETRY OF CLASSROOM TEACHING STUDENTS

SESSION V: April 25, 2015 - Saturday (09:00 - 10:30)

CHAIRS: Aysegul Saglam Arslan - Ela Ayşe Köksal

		SESSION VI: April 25, 2015 – Saturday (15:30 – 17:00)
	CHAIRS:	Josef Trna - Yılmaz Sağlam
	A0189 -	AN ASSESSMENT OF PRE – SERVICE SCIENCE TEACHERS ATTITUDE TOWARDS THE TEACHING PROFESSION
_		Zipporah Pewat Duguryil, Henry David Katniyon
L HALL	A0188 -	ACCELERATING CHILDREN REASONING IN PRIMARY SCIENCE USING INDIGENOUS KNOWLEDGE SYSTEM BASED ARGUMENTATION INSTRUCTION.
Æ		Zipporah Pewat Duguryil, Henry David Katniyon
MARGARET	A0274 -	REVIVAL OF DEMONSTRATION EXPERIMENTS IN SCIENCE EDUCATION
AR(Josef Trna, Eva Trnova
	A0196 -	FORMAL LOGIC AND REAL THINKING: THE ROLE OF IMAGINATION IN THE PROCESS OF ABSTRACTION IN TEACHER-STUDENT RELATIONSHIP IN SCIENCE EDUCATION
PRINCESS		Luis Mauricio Rodríguez-Salazar, Carmen Patricia Rosas-Colín, Joel Angel Bravo Anduaga, Gabriel Delgado-Toral
P	A0218 -	WHAT CAN WE LEARN FROM 2011TIMSS' FINDINGS? CHALLENGES FOR GCC COUNTRIES
		Hassan Tairab
	A0238 -	DIALOGIC DISCOURSE IN THE CLASSROOM
		Yılmaz Saglam, Sedat Kanadli, Pınar Göksu, Vildan Karatepe, Emine Aynur Gizlenci
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		SESSION VI: April 25, 2015 – Saturday (15:30 – 17:00)
	CHAIRS:	Necla Turanli - Tangül Kabael
	A0331 -	DETERMINE MISCONCEPTION STUDY OF COMPLEX NUMBER WITH DIAGNOSTIC BRANCHED TREE
		Gökhan Karaaslan, Necla Turanlı
CE ALFRED HALL	A0336 -	INVESTIGATION OF MATHEMATICAL THINKING PROCESS OF VOCATIONAL HIGH SCHOOL STUDENTS: EXAMPLE OF ANALYTIC GEOMETRY
		Katibe Gizem Karaaslan, Gökhan Karaaslan, Necla Turanlı
	A0163 -	MIDDLE SCHOOL PRE-SERVICE MATHEMATICS TEACHERS' READING AND WRITING OF SYMBOLIC MATHEMATICAL SENTENCES Tangül Kabael
	A0252 -	EXAMINATION OF PROSPECTIVE PRE-SCHOOL TEACHERS' COGNITIVE STRUCTURES ABOUT CONCEPT OF CIRCLE, CIRCUMFERENCE, RING THROUGH WORD ASSOCIATION TEST
PRINCE		Feride Gök Çolak, Mehmet Nur Tuğluk
PR	A0286 -	TEACHERS AND TEACHER CANDIDATES' THE OPINIONS AND AWARENESS LEVELS ABOUT PROJECT BASED LEARNING
		Keziban Orbay, Murat Gökdere, Bilal Öncü
	A0254 -	INVESTIGATION OF PRIMARY SCHOOL TEACHER CANDIDATES' PROBLEMS THEY POSE
		REGARDING ADDITION, SUBTRACTION, MULTIPLICATION AND DIVISION IN NATURAL NUMBERS
		Ali Şenol, Sefa Dündar, Hasan Temel

		Murun Brauna
E HALL		STEM TEACHERS' PERCEPTION OF PEDAGOGICAL AFFORDANCE OF SMART MOBILE TECHNOLOGY
ΙZ		Khitam Shraim
ᅵᅥ	A0156 -	JOURNEY TO THE SCIENCE WORLD WITH STEM ACTIVITIES
AR		Hülya Yılmaz, Melike Yiğit Koyunkaya, Fulden Güler, Didem Büyükaltay
PRINCESS CAROLINE	A0192 -	STEM EDUCATION (SCIENCE-TECHNOLOGY-ENGINEERING-MATHEMATICS) IN K-8 CURRICULUMS IN TURKEY: A CONTENT ANALYSIS
3		Adem Taşdemir, Neşe Tertemiz, Dilber Acar
€	A0197 -	SOME ACTIVITIES ON STEM EDUCATION IN PRIMARY EDUCATION IN TURKEY
۵		Adem Taşdemir, Dilber Acar
	A0181 -	THE STUDY OF TURKISH ADAPTATION STEM CAREER INTEREST SURVEY
		Kadir Bilen, Ayşegül Ergün, Zehra Irkiçatal
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		CECCION VI. April 25 2015 Cotundov (15.20 17.00)
		SESSION VI: April 25, 2015 – Saturday (15:30 – 17:00)
		Sedat Kanadli - Şule Berna Ayan
	CHAIRS	Sedat Kanadli - Şule Berna Ayan
	CHAIRS	Sedat Kanadli - Şule Berna Ayan THE RELATIONSHIP BETWEEN PRE-SERVICES SCIENCE TEACHERS' EPISTEMOLOGICAL BELIEFS,
HALL	CHAIRS : A0033 -	Sedat Kanadli - Şule Berna Ayan THE RELATIONSHIP BETWEEN PRE-SERVICES SCIENCE TEACHERS' EPISTEMOLOGICAL BELIEFS, LEARNING APPROACHES AND UPE SCORES
S HALL	CHAIRS : A0033 -	Sedat Kanadli - Şule Berna Ayan THE RELATIONSHIP BETWEEN PRE-SERVICES SCIENCE TEACHERS' EPISTEMOLOGICAL BELIEFS, LEARNING APPROACHES AND UPE SCORES Sedat Kanadli, Ahmet Akbaş 7TH AND 8TH GRADE STUDENTS ' KNOWLEDGE ABOUT RECYCLING LEVELS AND ATTITUDES
RLES HALL	CHAIRS: A0033 - A0147 -	Sedat Kanadli - Şule Berna Ayan THE RELATIONSHIP BETWEEN PRE-SERVICES SCIENCE TEACHERS' EPISTEMOLOGICAL BELIEFS, LEARNING APPROACHES AND UPE SCORES Sedat Kanadlı, Ahmet Akbaş 7TH AND 8TH GRADE STUDENTS ' KNOWLEDGE ABOUT RECYCLING LEVELS AND ATTITUDES TOWARDS RECYCLING
HARLES HALL	CHAIRS: A0033 - A0147 -	Sedat Kanadli - Şule Berna Ayan THE RELATIONSHIP BETWEEN PRE-SERVICES SCIENCE TEACHERS' EPISTEMOLOGICAL BELIEFS, LEARNING APPROACHES AND UPE SCORES Sedat Kanadlı, Ahmet Akbaş 7TH AND 8TH GRADE STUDENTS ' KNOWLEDGE ABOUT RECYCLING LEVELS AND ATTITUDES TOWARDS RECYCLING Osman Karpuzcu, Cumhur Sancaktar Selamet
CHARLES	A0147 - A0354 -	Sedat Kanadli - Şule Berna Ayan THE RELATIONSHIP BETWEEN PRE-SERVICES SCIENCE TEACHERS' EPISTEMOLOGICAL BELIEFS, LEARNING APPROACHES AND UPE SCORES Sedat Kanadlı, Ahmet Akbaş 7TH AND 8TH GRADE STUDENTS' KNOWLEDGE ABOUT RECYCLING LEVELS AND ATTITUDES TOWARDS RECYCLING Osman Karpuzcu, Cumhur Sancaktar Selamet PRESERVICE SCIENCE TEACHERS' AWARENESS OF HISTORY OF SCIENCE
CHARLES	A0147 - A0354 -	Sedat Kanadli - Şule Berna Ayan THE RELATIONSHIP BETWEEN PRE-SERVICES SCIENCE TEACHERS' EPISTEMOLOGICAL BELIEFS, LEARNING APPROACHES AND UPE SCORES Sedat Kanadlı, Ahmet Akbaş 7TH AND 8TH GRADE STUDENTS 'KNOWLEDGE ABOUT RECYCLING LEVELS AND ATTITUDES TOWARDS RECYCLING Osman Karpuzcu, Cumhur Sancaktar Selamet PRESERVICE SCIENCE TEACHERS' AWARENESS OF HISTORY OF SCIENCE Isil Koc, Meltem Kuvac, Burcu Gelen
PRINCE CHARLES HALL	A0147 - A0354 -	Sedat Kanadli - Şule Berna Ayan THE RELATIONSHIP BETWEEN PRE-SERVICES SCIENCE TEACHERS' EPISTEMOLOGICAL BELIEFS, LEARNING APPROACHES AND UPE SCORES Sedat Kanadlı, Ahmet Akbaş 7TH AND 8TH GRADE STUDENTS ' KNOWLEDGE ABOUT RECYCLING LEVELS AND ATTITUDES TOWARDS RECYCLING Osman Karpuzcu, Cumhur Sancaktar Selamet PRESERVICE SCIENCE TEACHERS' AWARENESS OF HISTORY OF SCIENCE Isil Koc, Meltem Kuvac, Burcu Gelen PRESERVICE SCIENCE TEACHERS' MENTAL MODELS OF THE ENVIRONMENT

A0311 - IMPROVING THE EFFECTIVENESS OF ELECTROMAGNETIC THEORY EDUCATION BY

INCREASING THE LEARNING MOTIVATION Mehmet Yüksekkaya, Şule Berna Ayan

SESSION VI: April 25, 2015 - Saturday (15:30 - 17:00)

A0074 - A NEW STEAM AGE: TOWARDS ONE CULTURE FOR LEARNING SCIENCE

CHAIRS: Martin Braund - Khitam Shraim

		SESSION VII: April 25, 2015 – Saturday (17:00 – 19:00)
	CHAIRS:	Ahmet Kurnaz, Selahattin Arslan
	A0328 -	THEACHER'S VIEWS FOR SOROBAN ABACUS TRAINING
		Kemal Altıparmak
_	A0332 -	THE PREDICTIVE POWER OF GIFTED STUDENTS' MATHEMATICAL COMPETENCES AND SPATIAL ABILITIES ON MATHEMATICAL ACHIEVEMENT
HALL		Ahmet Kurnaz
EDWARD H	A0339 -	MOTIVATORS, BARRIERS AND OUTCOMES IN 3D VIRTUAL LEARNING ENVIRONMENT THAT INCLUDE DAILY-LIFE ACTIVITIES REQUIRING MATH SKILLS: MATHLIFE CASE
š		Selahattin Arslan, Hüseyin Atalay, Serkan Coştu, Bahar Baran, Tuba Gökçek, Gönül Güneş
ED	A0123 -	A LEARNING STYLE INFERENCY SYSTEM BASED ON FUZZY LOGIC TECHNIQUE AND
9		HONEY&MUMFORD'S LEARNING MODEL
KING		Kadriye Filiz Balbal, Naciye Mulayim, Ali Özdemir, Aysegul Alaybeyoglu
	A0345 -	A COMPARATIVE ANALYSIS OF MATHEMATICS CURRICULA OF KOREA, SINGAPORE, HONG
		KONG, JAPAN AND TURKEY
		Abdulkadir Öner, Erhan Ertekin

SESSION VII: April 25, 2015 - Saturday (17:00 - 19:00)

CHAIRS: ismail Özgür Zembat-Sladana Dimitrijevic

A0361 - USING CLASSROOM SCENARIOS TO REVEAL MATHEMATICS TEACHERS' UNDERSTANDING OF SOCIOMATHEMATICAL NORMS

Ismail Ozgur Zembat, Seyit Ali Yasa

A0187 - DEPENDENCE OF THE SUCCESS OF SOLVING MATHEMATICAL PROBLEM ON THE CONTEXT IN WHICH IT IS GIVEN

Sladana Dimitrijević, Snežana Lawrence, Branislav Popović, Marija Stanić

A0199 - MAPPING THOUGHT PROCESSES WITHIN ARGUMENTATIVE KNOWLEDGE CONSTRUCTION TO STRATEGIZE BETTER FACILITATION IN AN ASYNCHRONOUS ONLINE COURSE

Draga Vidakovic, Nermin Bayazit, Pier Junor Clarke

A0226 - PROGRESSIVE INCORPORATION PERSPECTIVE AND MATHEMATICAL KNOWLEDGE IN TEACHING: THE CASE OF PROSPECTIVE SECONDARY MATHEMATICS TEACHERS

Gulseren Karagoz Akar

	SESSION VII: April 25, 2015 – Saturday (17:00 – 19:00)						
	CHAIRS:	Hakan Akçay - Gülbin Özkan					
PRINCE ALFRED HALL	A0257 -	PRESERVICE SCIENCE TEACHERS BELIEFS ABOUT ASTRONOMY CONCEPTS					
		Gülbin Özkan, Hakan Akçay					
	A0292 -	PRE-SERVICE SCIENCE TEACHERS' PERCEPTIONS ABOUT GREENHOUSE EFFECT					
		Behiye Akçay, Hakan Akçay					
	A0038 -	MISCONCEPTIONS ON PRESSURE AMONG STUDENTS					
		Tuğçe Görkemli, Sena Kılınç					
	A0315 -	A STUDY TO IMPROVE EFFICIENCY IN THE PROCESS OF INTERDISCIPLINARY UNDERGRADUATE					
		EDUCATION: NEW APPROACHES IN INTRODUCTION TO BIOMEDICAL ENGINEERING COURSE					
		Onur Koçak					
	A0319 -	ASSESSMENT OF INTERDISCIPLINARY PARTS IN UNDERGRADUATE EDUCATION OF					
Д.		BIOMEDICAL ENGINEERING					
	40244	Onur Koçak, Büşra Özgöde					
	AU314 -	AN ACTIVE LEARNING MODEL OF BIOMEDICAL CALIBRATION COURSE: HOSPITAL CALIBRATOR APPLICATIONS					
		Arif Koçoğlu, Onur Koçak					

CHAIRS: Eyüp Yurt - Tuğba Horzum

A0141 - MIDDLE SCHOOL STUDENTS' PERCEPTIONS ABOUT TRIANGLE CONCEPT Şükran Sayi , Tuğba Horzum

A0313 - A STRUCTURAL MODEL ON MIDDLE SCHOOL STUDENTS' PERCEIVED TASK VALUES, ABILITY EXPECTANCIES, TASK DIFFICULTIES AND MATHEMATICS ACHIEVEMENT

Eyüp Yurt

A0124 - METAPHORIC PERCEPTIONS OF HIGH SCHOOL STUDENTS ON THE CONCEPT OF "GEOMETRY"

Goncagül Yildirim, Tuğba Horzum

KING EDWARD HALL

SESSION VIII: April 26, 2015 - Sunday (09:00 - 10:30)

CHAIRS: Erokan Canbazoğlu - Hakan Çetin

A0297 - HADOOP AND ITS COMPONENTS IN THE ANALYSIS OF THE BIG DATA Hakan Çetin, Erokan Canbazoğlu

A0112 - EVALUATION OF SCHOOL ADAPTATION PROCESS OF THE 1ST GRADE STUDENTS BY TEACHERS Hasan Aydemir, Çiğdem Kılınçer

A0300 - COMPUTER AND EDUCATION INSTRUCTION TECHNOLOGY OPINIONS OF THE PROSPECTIVE TEACHERS ABOUT INNOVATION IN EDUCATION

Yakup Yilmaz

PRINCESS MARGARET HALL

PRINCE ALFRED HALI

A0359 - LEARNING MANAGEMENT SYSTEMS IN E-LEARNING

Mustafa Tevfik Hebebci, Ismail Sahin

SESSION VIII: April 26, 2015 – Sunday (09:00 – 10:30)

CHAIRS: Hakan Türkmen - Elif Ünver

A0280 - THE RELATIONSHIP BETWEEN MIDDLE SCHOOL STUDENTS' ACHIEVEMENT IN THE SCIENCE AND TECHNOLOGY COURSE CENTRAL EXAM AND THEIR PERFORMANCE IN FORMATIVE ASSESSMENT PROBES

Nermin Bulunuz, Mızrap Bulunuz, Funda Karagöz, Ömer Faruk Tavşanli

A0285 - COMPARE OF ELEMENTARY STUDENTS' IMAGES OF SCIENCE TEACHING FOR TURKISH. SCOTTISH, DUTCH, GERMAN SCIENCE CLASSROOMS

Hakan Türkmen, Elif Ünver

A0116 - A CONTENT ANALYSIS OF THE STUDIES RELATED INSTRUCTIONAL TECHNOLGIES AREA IN CONTEXT OF SCIENCE EDDUCATION

Sinan Çinar, Sema Demirci

A0117 - AN EXAMINATION OF THE SCIENCE TEACHERS' AND STUDENT TEACHERS' LABORATORY SELF-EFFICACY PERCEPTIONS

Sinan Çinar, Sema Demirci

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	SESSION VIII: April 26, 2015 – Sunday (09:00 – 10:30)					
	СН	IAIRS:	Musa Dikmen - Osman Çardak			
PRINCE CHARLES HALL	A0	325 -	THE EFFECT OF PROJECT BASED TEACHING ON THE STUDENT'S SUCCESS IN TEACHING LIVING THINGS AND ENERGY RELATIONS UNIT <i>Şerife Değirmenci, Osman Çardak</i>			
	AO	329 -	BIOLOGY TEACHERS' METAPHORS FOR SCIENTISTS			
	È		Faruk Koçak, Musa Dikmenli			
	AO AO)268 -	DEVELOPMENT OF A THREE-TIER DIAGNOSTIC TEST TO DETERMINE STUDENTS' UNDERSTANDING OF THE LIVING THINGS			
	Ę		Musa Dikmenli, Seda Cakmak, Emine Sule Ozcan			
		358 -	MISCONCEPTIONS ABOUT BUOYANCY			
	١		Hamza Kaynar, Seyit Ahmet Kiray			
	A0	338 -	THE LEVEL OF THE ACQUISITION OF THE OBJECTIVES REGARDING THE "GRANULAR STRUCTURE OF MATTER" UNIT IN THE 6TH GRADE SCIENCE AND TECHNOLOGY PROGRAM			
			Ahmet Özön, Seyit Ahmet Kiray, Dursun Yağiz			

POSTER PRESENTATIONS

	April 23-26, 2015						
CONFERENCE LOBBY HALL	A0270 -	INVESTIGATION OF QUALIFICATION MODELS FOR THE GRADUATES OF DEPARTMENT OF PRINTING TECHNOLOGIES TO BE A VOCATIONAL TEACHER					
		Mehmet Oğuz					
	A0041 -	DEVELOPING A FRAMEWORK TO UNDERSTAND HOW STUDENTS PARTICIPATE IN CLICKER-INTEGRATED ACTIVITIES: FOCUSING ON FRAMING					
		Yu-Ta Chien, Chun-Yen Chang					
	A0271 -	DETERMINING VOCATIONAL AND TECHNICAL EDUCATIONAL PROBLEMS AND ANALYZING THE SOLUTION OFFERS					
		Mehmet Oğuz					
	A0349 -	USE OF CLINICAL SIMULATIONS AS A DATA GATHERING TOOL					
		Osman Cil					
	A0012 -	THE USE OF SIMPLE EXPERIMENTS IN TEACHING PHYSICS TO THE CHILDREN WITH SPECIAL NEEDS					
		Dušanka Obadović, Bojan Lazarević, Ivana Bogdanović, Mirjana Ilić					
	A0013 -	METACOGNITIVE AWARENESS OF SCIENCE ORIENTED STUDENTS IN REPUBLIC OF SERBIA					
Ä		Dušanka Obadović, Milica Pavkov Hrvojević, Ivana Bogdanović, Stanko Cvjetićanin					
8	A0014 -	CONNECTING THE CONTENTS OF NATURAL SCIENCES AND MATHEMATICS IN CLASSROOM TEACHING					
		Stanko Cvjetićanin, Dušanka Obadović, Ivana Bogdanović, Milica Obadović					







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