

Research on Elementary Education in the 100th Anniversary of the Republic of Türkiye

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100th ANNIVERSARY OF THE REPUBLIC OF TÜRKİYE**

ISBN 978-625-6764-09-5

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First Edition: October 2023, Ankara

Publication-Project: Begüm Buse Gül
Typesetter-Graphic Designer: Tuğba Kaplan
Cover Design: Pegem Akademi

Printed by: Sonçağ Yayıncılık Matbaacılık Reklam San Tic. Ltd. Şti.
İstanbul Cad. İstanbul Çarşısı 48/48 İskitler/Ankara
Tel: (0312) 341 36 67

Publishing House Certificate Nu.:51818
Printing House Certificate Nu.: 47865

Contact

Macun Mah. 204. Cad. No: 141/A-33 Yenimahalle/ANKARA
Publishig House:0312 430 67 50
Distribution: 0312 434 54 24
Preparatory Courses: 0312 419 05 60
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E-mail: pegem@pegem.net
WhatsApp: 0538 594 92 40

PREFACE

Dear Readers,

Teacher preparation programs and teacher educators of the twenty-first century strive to prepare teacher candidates for an unknown, only predictable future. Education and learning continue to face global and complex challenges and demands even though we know much more about them than ever before. Technological advances, cultural changes and economic transformations are radically changing the world of education. This situation encourages both students and teachers to rethink the available opportunities to nurture their creativity, learn from a lifelong perspective, and continue to thrive. Thus, it becomes even more important to find ways and spaces for creative thinking and reflection about innovative practices for teaching and learning at all levels. The book in your hand serves as a guide to reveal the critical meanings underlying this idea.

Focusing on topics critical to elementary teacher educators, each of the chapters in this book presents information in a simple way that will help you learn what works and what doesn't work with today's students. The purpose of the book is to provide pre-service teachers and elementary teachers with a plan on how they prepare to meet the needs of twenty-first century children and how they can strengthen teacher education. The book contains powerful tools and tips that primary school teachers can use to maximize their students' potential. The chapters include "mathematical writing, mathematics and proof, mathematical competence, the importance and role of children's magazines in developing vocabulary, cultural literacy as a new type of literacy, civics, blockchain technology in education, the effect of STEM education on entrepreneurship, children's picture books prepared for science, mathematical gender stereotypes, creative drama method in teaching the nature of science, scamper one of the brainstorming techniques, writing skills for learning purposes, children's books, reading comprehension and autonomous learning." We hope that pre-service teachers and teachers will find ideas and principles in each chapter that will not only make learning enjoyable and keep their students too busy being engaged in learning, but will also help their students maintain their determination to succeed.

The authors dedicated this book to the 100th anniversary of the Republic of Türkiye. We would like to express our sincere gratitude to all the valuable academicians who wrote the chapters for their valuable contributions.

Editors

October 20, 2023

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CONTENTS

Preface.....	iii
Chapters and Authors.....	v

CHAPTER 1. ELEMENTARY MATHEMATICAL WRITING: TYPES AND EVALUATION

Introduction (Theoretical Background).....	1
Mathematical thinking and language.....	4
Writing and mathematics.....	7
Types and purposes of mathematical writing.....	9
Mathematically creative writing.....	17
Conclusion	19
References	21

CHAPTER 2. THE EFFECT OF STEM EDUCATION ON ENTREPRENEURSHIP SKILLS OF PRIMARY SCHOOLS FOURTH-GRADE STUDENTS

Introduction.....	25
Entrepreneurship.....	26
Characteristics of Entrepreneurial Individuals	27
Entrepreneurship Skills and STEM.....	27
Methods.....	28
The Research Model and the Sample.....	28
Application Process.....	29
Data Collection Tool.....	30
Data Analysis	30
Findings And Evaluation.....	31
Conclusion, Discussion and Suggestions.....	38
References.....	39

CHAPTER 3.
INVESTIGATION OF STUDENT MOTIVATIONS AND
OPINIONS TOWARDS ILLUSTRATED CHILDREN’S BOOKS
PREPARED IN ACCORDANCE WITH FOURTH GRADE SCIENCE
COURSE OBJECTIVES

Introduction.....43
 Method.....45
 Research Design45
 Study Group46
 Data Collection Tools46
 Implementation Process49
 Data Analysis50
 Findings and Interpretation50
 Conclusions and Recommendations57
 Acknowledgement.....58
 References.....59

CHAPTER 4.
A BRAINSTORMING TECHNIQUE: SCAMPER

Introduction.....64
 The History of SCAMPER Technique64
 SCAMPER Technique65
 The Steps of SCAMPER Technique66
 Substitute.....67
 Combine.....67
 Adapt68
 Magnify/Modify68
 Put the Other Uses69
 Eliminate69
 Rearrange/Reverse70
 Considerations while Applying the SCAMPER Technique.....71
 The Advantages of the SCAMPER Technique.....72
 The Disadvantages of the SCAMPER Technique73
 Conclusion and Recommendations.....74
 References.....75

CHAPTER 5.**USING DRAMA TO UNDERSTAND THE NATURE OF SCIENCE**

Introduction.....	79
Nature of Science	80
Drama in Education.....	83
Drama and Nature of Science	85
References.....	94

CHAPTER 6.**WAY TO PARTICIPATE IN THE SCIENTIFIC PROCESS:
CITIZEN SCIENCE**

Introduction.....	99
What is Citizen Science?	99
Citizen Science and Its Use in Education.....	108
Conclusion	109
References.....	109

CHAPTER 7.**MATHEMATICS AND PROOF: THE DEVELOPMENT OF
PROOF AND PROOF SCHEMES IN CHILDREN**

Introduction.....	111
The Role of Proof in Mathematics.....	112
The Development Process of Proof in Children.....	115
The Cognitive Development Process of Proving.....	119
Proof Schemes.....	122
External Proof Schemes	123
Authoritarian Proof Scheme.....	124
Habitual Proof Schemes	124
Symbolic Proof Schemes.....	125
Experimental Proof Schemes.....	126
Perceptual Proof Scheme	126
Example-Based Proof Scheme.....	127
Analytical Proof Schemes	127
The Transformational Proof Scheme.....	128
Axiomatic Proof Scheme.....	128
Conclusion	129
References.....	131

CHAPTER 8.
LANGUAGE LEARNING AREAS

Introduction.....	135
Listening.....	136
Speaking.....	137
Reading.....	139
Writing.....	140
References.....	142

CHAPTER 9.
**THE CHANGING PAGES OF THE FICTIONAL WORLD:
BOOKS WITH INCREASED VISUAL ELEMENTS FOR
SCHOOL-AGE CHILDREN**

Introduction.....	145
Visual Elements in Children's Books	147
Visual Humor.....	148
Typography.....	149
Large and Eye-Catching Letters	150
Font Selection	151
Emphasis Styles	152
Typography Layout	153
Texts Compatible with Illustrations.....	153
Dialogues and Conversations.....	154
Sound and Rhythm Transmission.....	155
Illustrations	156
References.....	159

CHAPTER 10.
**MATHEMATICAL COMPETENCE WITHIN THE FRAMEWORK
OF BASIC COMPETENCES**

Sub-Dimensions of Mathematical Competence.....	165
Problem Solving.....	167
Reasoning.....	168
Using mathematical representations.....	171
Mathematical communication.....	173
References.....	175

**CHAPTER 11.
WRITING FOR LEARNING**

Introduction.....	179
Writing for Learning.....	181
Summary Writing.....	187
Writing Based Argumentation	189
Suggestions to Educators.....	190
References	193

**CHAPTER 12.
THE EFFECT OF SUPPORTING MATHEMATICS LESSON
TRANSFORMATION GEOMETRY AND PATTERN-TESSELLATION
SUB-LEARNING AREAS WITH VISUAL ARTS LESSON ON
STUDENT ATTITUDES**

Introduction.....	198
Method.....	200
Research Model	200
Working group.....	202
Data Collection Tools	203
Application	203
Color Photos	204
Worksheets.....	205
Rope Printing.....	210
Watercolor Printing.....	211
Cut and Paste	212
Model	214
Analysis of Data.....	216
Results.....	216
Conclusion, Discussion and Recommendations.....	219
References.....	221

CHAPTER 13.**WHAT DOES A TRIANGLE LOOK LIKE? WHAT DO MIDDLE SCHOOL STUDENTS' MENTAL IMAGES SAY?**

Introduction.....	224
Method.....	227
Working group.....	227
Data Collection Tool.....	227
Collection of Data.....	228
Analysis and Interpretation of Data.....	228
Results.....	229
Discussion, Conclusion and Recommendations.....	236
References.....	238

CHAPTER 14.**CHILDREN'S MAGAZINES AND VOCABULARY:
A DOCUMENT ANALYSIS STUDY**

Vocabulary.....	241
Vocabulary Elements.....	243
Proverbs.....	243
Idioms.....	243
Reduplications.....	243
Fixed Phrases (Relationship Words).....	244
Terms.....	244
Proper Nouns.....	244
Children's Magazines.....	245
Features of Children's Magazines.....	245
The Gains and Effects of Children's Magazines on Children.....	246
Method.....	247
Data Collection Process.....	249
Data Analysis.....	250
Validity and Reliability.....	251
Results.....	252
Findings for the First Sub-problem.....	252
Findings for the Second Sub-problem.....	252
Findings for the Third Sub-problem.....	254
Findings for the Fourth Sub-problem.....	255
Findings for the Fifth Sub-problem.....	256
Findings for the Sixth Sub-problem.....	257

Conclusion and Discussion.....	258
Recommendations.....	262
References.....	262

CHAPTER 15.

AN ANALYSIS ON CULTURE AND CULTURAL LITERACY

Introduction.....	265
Culture	265
Cultural Literacy in The Literature	274
Cultural Literacy in Turkish Curriculums	276
Conclusion and Recommendations.....	279
References.....	280

CHAPTER 16.

UNDERSTANDING AUTONOMOUS LEARNING: AN AUTONOMY-SUPPORTIVE PERSPECTIVE

Introduction.....	285
Regulation of Behavior	287
Autonomous Learning.....	289
Interpersonal Factor in Autonomy: Teachers.....	291
Methodological Factor in Autonomy: Strategies.....	295
The Subject Factor in Autonomy: Learners	297
Autonomy, Self-Regulation, Self-Learning: Conceptual Review	299
References.....	301

CHAPTER 17.

MATHEMATICAL GENDER STEREOTYPES IN PRIMARY SCHOOL

Introduction.....	303
Mathematical Gender Stereotypes and Their Effects.....	304
Development of Mathematical Gender Stereotype in Primary School Students.....	306
Literature Review.....	307
Family.....	307
Teacher	309
Teaching materials.....	312

Media	313
Conclusion	315
References.....	316

CHAPTER 18.
**IMPROVING READING COMPREHENSION FOR LIFELONG
LEARNING**

Introduction	321
Lifelong Learning	321
Competences for Lifelong Learning.....	322
Reading Comprehension and Lifelong Learning.....	323
Improving Reading Comprehension Skills.....	325
An Example Activity with Reading Comprehension Strategies.....	331
Conclusion	334
References	335

CHAPTER 19.
BLOCKCHAIN TECHNOLOGY AND ITS USE IN EDUCATION

Introduction	340
Blockchain Technology.....	341
Usage Areas of Blockchains.....	344
Blockchain Applications in Education	346
Conclusion and Discussion.....	353
References.....	355

CHAPTER 20.
**EXAMINATION OF PRIMARY SCHOOL 3RD GRADE STUDENTS’
OPINIONS ON TABLET COMPUTERS**

Introduction	358
Purpose of the Study	360
Method.....	361
Research Model	361
Study Group	362
Data Collection.....	362
Data Analysis	362
Findings and Interpretation	362
Conclusion, Discussion and Suggestions	368
References.....	371

CHAPTER 21.
COMPARATIVE STUDY OF CURRICULA TOWARDS PRIMARY
SCHOOL TEACHER TRAINING

Introduction.....	373
Methodology.....	375
Research Model	375
Research Data Set	375
The Data Collection Process.....	376
Data Analysis	376
Findings	376
Discussion, Results, and Recommendations	401
References.....	408
About The Editors and Authors	411