The Creative Enterprise of Mathematics Teaching Research

Elements of Methodology and Practice – From Teachers to Teachers

Bronislaw Czarnocha, William Baker, Olen Dias

Eugenio Maria de Hostos Community College, City University of New York, USA

and

Vrunda Prabhu (Eds.)

Bronx Community College, City University of New York, USA

The Creative Enterprise of Mathematics Teaching-Research presents the results and methodology of work of the teaching-research community of practice of the Bronx (TR Team of the Bronx). It has a twofold aim of impacting both teachers of Mathematics and researchers in Mathematics Education. This volume can be used by teachers of mathematics who want to use research to reflect upon and to improve their teaching craft, as well as by researchers who are interested in uncovering riches of classroom learning/teaching for research investigations. This book represents the results of a collaboration of instructors discussing their own instruction research, analyzed through a conceptual framework obtained via the synthesis of creativity research and educational learning theories, based upon the work of Piaget and Vygotsky. The editors see an urgent need for creative synthesis of research and teaching, an example of which is presented in the book.

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Peter de Liefde – peter.deliefde@sensepublishers.com

Michel Lokhorst – michel.lokhorst@sensepublishers.com
TABLE OF CONTENTS

Foreword
Barbara Jaworski
Acknowledgements

Introduction

Unit 1: The Main Themes of the Book
1.1. Teaching-Research New York City Model (TR/NY City)
Bronislaw Czarnocha
1.2. Creativity Research and Koestler: An Overview
Bronislaw Czarnocha, Vrunda Prabhu, Olen Dias and William Baker
1.3. Underserved Students and Creativity
William Baker

Unit 2: Creative Learning Environment
2.1. The Didactic Contract, a Handshake and a Compromise: A Teaching-Action-Research Project
Bronislaw Czarnocha, Vrunda Prabhu and Howard Pflanzer
2.2. Focus on Creativity – Literacy – Numeracy
Vrunda Prabhu and James Watson
2.3. The Poznan Theatre Problem
Vrunda Prabhu, Peter Barbatis and Howard Pflanzer
2.4. The Creative Learning Environment
Vrunda Prabhu
2.5. The Reflections of the Teacher-Researcher upon the Creativity Principle
Vrunda Prabhu
2.6. Reflection and Case Study of Creative Learning Environment
Olen Dias

Unit 3: Tools of Teaching-Research
3.1. How to Arrive at a Teaching-Research Question?
Vrunda Prabhu, William Baker and Bronislaw Czarnocha
3.2. How to Approach a Teaching Experiment?
Bronislaw Czarnocha
3.3. Qualitative and Quantitative Analysis
William Baker
3.4. Teaching Research Interviews
Eric Fuchs and Bronislaw Czarnocha
3.5. Use of Concept Maps in Classroom Research
Vrunda Prabhu, Haiyue Jin and Roberto Catano
3.6. Pictorial Scaffolding in the Schema Construction of Concepts
Vrunda Prabhu
3.7. Concept Maps: Learning through Assessment
Haiyue Jin

3.8. The Method Learning Routes
William Baker
3.9. Discovery Method and Teaching-Research
William Baker

Unit 4: Teacher as the Designer of Instruction: TR Design
4.1. Koestler’s Theory as a Foundation for Problem-Solving
William Baker
4.2. Comparative Study of Three Approaches to Teaching Rates
Olen Dias, William Baker and Bronislaw Czarnocha
4.3. Rate and Proportion Teaching Sequence
Olen Dias
4.4. Proportional Reasoning and Percent
William Baker
4.5. Rate Teaching Sequence
Bronislaw Czarnocha
4.6. Two Learning Trajectories
William Baker and Bronislaw Czarnocha
4.7. Learning Trajectory: Rational Numbers Sense to Proportional Reasoning
William Baker
4.8. Learning Trajectory: Linear Equations
Bronislaw Czarnocha
4.9. Calculus: Searching for a “Real World” Approach
Hannes Stoppel
4.10. From Arithmetic to Algebra: A Sequence of Theory-Based Tasks
William Baker and Bronislaw Czarnocha

Unit 5: Teaching Research Communities
5.1. Algebra/English as a Second Language (ESL) Teaching Experiment
Bronislaw Czarnocha
5.2. “Just Tell Us the Formula!” Co-Constructing the Relevance of Education in Freshman Learning Communities
Ted Ingram, Vrunda Prabhu and H. Elizabeth Smith
5.3. Professional Development of Teacher-Researchers (PDTR) in Tamil Nadu, India: Focus on Women in Community-Based Schools of Tamil Nadu
Vrunda Prabhu and Bronislaw Czarnocha
5.4. PDTR: The Development of a Teacher-Researcher: Formulation of a Hypothesis
Bronislaw Czarnocha, Maria Mellone and Roberto Tortora

Epilogue
Bronislaw Czarnocha, William Baker and Olen Dias

About the Contributors

Index