K. Bhattacharya, Visva-Bharati University Institute of Rural Reconstruction, Srinketan, India

Rabindranath Tagore

Integrating adventure of ideas and innovative practices in education

This book looks at the questions and issues that urged India's first Nobel prize laureate Rabindranath Tagore to look at education as a system and the paths that he followed in realizing those ideas. What forms the context when discussing Tagore and his ideas of education? How can his ideas be contextualized in the light of contemporary times? Are there guidelines (in his ideas and practices) that can show the path(s) today in achieving the objectives of education? What are the objectives of education relevant today? Which of the salient features of Tagore's ideas seem most apt today and how can we reshape them for our present needs? This monograph explores the needs of his self, his times, his objectives and his beliefs and values about the meaning(s) of being human.

Contents

Chapter One: The ambience of education.- Chapter Two: Adventure of ideas and practices of education.- Chapter Three: Creativity in its many forms.- Chapter Four: Extension of the self and the creation of the public space.- Chapter Five: Mutual radiation of knowledge and rural reconstruction.- Chapter Six: Conclusion.

Fields of interest

Educational Philosophy; Philosophy of Education

Target groups

Research

Product category

Brief

Due December 2013

Approx. 100 p. (SpringerBriefs in Education / SpringerBriefs on Key Thinkers in Education, Volume 10) Softcover


The Structure of Scientific Examination Questions

This book shows how Systemic Functional Linguistics may be used to explore and explain the grammar of scientific examination questions. The author outlines the key elements of this theory and identifies problematical structures that affect the linguistic validity of such examination assessment questions. This book also shows how examination questions may provide insight into the relationship between teaching and language in science. Do candidates give an incorrect answer because they do not understand the topic or because they do not understand the language by which the question is framed? This book shows how the analysis of scientific examination questions can answer this question. These chapters show how contemporary linguistics can inform the assessment of science and address topics including: the role of images, lexicography, the morphology of sentences, semantic discontinuity and the active reader.

Contents

Chapter 1 Systemic Functional Analysis and Science Examinations.- Chapter 2 Pictures and Words.- Chapter 3 Sentences.- Chapter 4 Active Readers.

Fields of interest

Science Education; Assessment, Testing and Evaluation; Applied Linguistics

Target groups

Research

Product category

Brief

F. Fischer, Ludwig-Maximilians-Universitat Munchen, Munchen, Germany; F. Wild, Open University UK Knowledge Media Institute, Milton Keynes, UK; R. Sutherland, University of Bristol School of Education, Bristol, UK; L. Zirn, Ludwig-Maximilians-Universitat Munchen, Munchen, Germany

Grand Challenge Problems in TEL

STELLAR Alpine Retreat, 2011

Contents

Mathematics & Mathematics Education: Searching for Common Ground

Contents
Preface and Acknowledgements.
- Introduction.
- Mathematics and Mathematics Education: Searching for common ground: Michael N. Fried.
- Chapter 1. A Dialogue on a Dialogue.
- Some of my pet-peeves with mathematics education: Ted Eisenberg.
- Mutual Expectations between Mathematicians and Mathematics Educators: Tommy Dreyfus.
- With contributions by: Uri Onn, Joanna Mamona-Downs, Stephen Lerman.
- With contributions by: Alain Bernard, Michael N. Fried, Fulvia Furinghetti, Nathalie Sinclair.
- Chapter 4. Problem-Solving: A Problem for Both Mathematics and Mathematics Education.
- With contributions by: Gerald A. Goldin, A. Israel Weinzeig, Shlomo Vinner, Rozsa Lekin.
- Chapter 5. Mathematical Literacy: What Is It and How is It Determined?: [...]

Fields of interest
Mathematics Education; Applications of Mathematics; Educational Policy and Politics

Target groups
Research

Product category
Contributed volume

D. Griffin, Australian Museum, Frenchs Forest, NSW, Australia

Education Reform and Community Development

Features
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10. Creativity To Free Choice Learning
11. International Comparisons
12. Universities and Tertiary Education
13. Policy Development in Education and Schooling
14. Concluding Essay – What have we learned and where are we going?

Fields of interest
Educational Policy and Politics; Sociology of Education

Target groups
Research

Product category
Monograph

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**Contents**

**Field of interest**
Educational Technology

**Target groups**
Research

**Product category**
Contributed volume

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Understanding e-portfolios in teacher education

**Critical Reflection for Transformative Learning**

**Features**
- A Research-based Guide for Teacher Educators and ePortfolio Designers
- Contains detailed narratives of prospective teachers’ teaching practice as reflected in their ePortfolios as well as rigorous analysis of their reflections
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Introduction.- Four prospective teachers and their programs.- Critical reflections struggle to emerge.- Performative but not transformative.- Problematizing the performance.- Prospective teachers’ understanding of critical reflection.- Prospective teachers attitudes towards the e-portfolio.- Performing to the audience.- Disjunction between performance and action.- Missed opportunities for transformative learning.- Supporting prospective teachers’ critical reflections for transformative learning: data based frameworks, e-portfolio design and processes, creative activities and assignments, classroom observation and supervision, toward a community of critically reflective practitioners.- Coding and analyzing narratives to encourage transformative learning: open, axial and selective coding; hand coding; computer assisted coding; multi-rater coding; data triangulation.- Putting it all together: creating a teacher preparation program utilizing ePortfolios for critical reflection and transformative learning.- To the future.- Appendix 1: Methodological Strategies.- Appendix 2: Codes and coding samples

**Fields of interest**
Educational Technology; Teaching and Teacher Education

**Target groups**
Research

**Product category**
Monograph

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**Contents**
Mathematics Curriculum in School Education Editors: Yeping Li (Texas A&M University, USA) Glenda Lappan (Michigan State University, USA)
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10. Conclusion.

Fields of interest
Medical Education; Medicine/Public Health, general; Health Administration

Target groups
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Fields of interest
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Politics of Anti-Racism Education: In Search of Strategies for Transformative Learning

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