Towards Equity in Mathematics Education

Gender, Culture, and Diversity

This volume gathers together twenty major chapters that tackle a variety of issues associated with equity in mathematics education along the dimensions of gender, culture, curriculum diversity, and matters of a biological nature. The pursuit of equity in mathematics education is an important concern in the history of the present. Since there is no doubt about the significant role of mathematics in almost every aspect of life, it means that all individuals regardless of sex, in any age range, and in whatever context need to be provided with an opportunity to become mathematically able.

Features

- Most recent information and cutting edge research on equity in mathematics education
- Use of rigorous scientific methodologies in discussing equity issues in mathematics education
- Authors and editors are among the leading researchers in this area
- Volume provides conceptual and practical outlines for mechanisms of change

Contents

Series Preface. - Section 1: Equity and gender. - Section 2: Equity and culture. - Section 3: Equity and curriculum diversity.

Fields of interests

Education (general); Gender Studies; Mathematics Education

Target groups

Research

Product category

Contributed volume

New Series

Multilingual Education

Series editors: A. Kirkpatrick, B. Adamson, D. C. Li

The book series Multilingual Education publishes top quality monographs and edited volumes containing empirical research on multilingual language acquisition, language contact and the respective roles of languages in contexts where the languages are not cognate and where the scripts are often different, in order to be able to better understand the processes and issues involved and to inform governments and language policy makers. The volumes in this series are aimed primarily at researchers in education, especially multilingual education and other related fields, and those who are involved in the education of (language) teachers. Others who will be interested include key stakeholders and policy makers in the field of language policy and education.
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Features
- Provides much-needed research on the role of English in education in East and Southeast Asia
- Gives insights on education policy changes and consequences of the 2009 ASEAN Charter, making English its sole working language. Includes information on the influence of the globalizing and nationalizing movements on local languages

Contents

Fields of interests
- Language Education; Applied Linguistics; Educational Policy and Politics

Target groups
- Research

Product category
- Contributed volume

Due July 2012
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ISBN 978-94-007-4577-3

Self-directed Learning Oriented Assessments in the Asia-Pacific

M. M. Mok, The Hong Kong Institute of Education, Tai Po, Hong Kong (Ed)

Developmental Education for Young Children

B. van Oers, VU University, Amsterdam, The Netherlands (Ed)

Developmental Education for Young Children

Concept, Practice and Implementation

Contents

Fields of interests
- Childhood Education; Developmental Psychology; Assessment, Testing and Evaluation

Target groups
- Research

Product category
- Contributed volume

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M. von Davier, E. Gonzalez, I. Kirsch, K. Yamamoto, Princeton, NJ, USA (Eds)

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- Shows perspectives from economics, policy, education, civics education and educational technology
- Discusses challenges of increasing interest in the data and the broadening scope
- Can be used as the basis for self-study or seminars in policy studies and international comparative education addressing international assessments

Contents
1. On the Growing Importance of International Large-Scale Assessments.
2. International Large-Scale Assessments as Change Agents.
3. Technologies in Large-Scale Assessments: New Directions, Challenges, and Opportunities.
4. The Role of International Assessments of Cognitive Skills in the Analysis of Growth and Development.
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7. The Role of Large-Scale Assessments in Research on Educational Effectiveness and School Development.
8. Prospects for the Future: A Framework and Discussion of Directions for the Next Generation of International Large-Scale Assessments.

Fields of interests
Assessment, Testing and Evaluation; Economic Policy; Educational Policy and Politics

Target groups
Research

Product category
Contributed volume

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