

Kenya Form Four Mathematics

The official records of the proceedings of the Legislative Council of the Colony and Protectorate of Kenya, the House of Representatives of the Government of Kenya and the National Assembly of the Republic of Kenya.

Creative Teaching is not only for the arts: this unique and stimulating book shows how mathematics and mathematics teaching can be creative, exciting and enjoyable. Offering teachers a dynamic and different perspective on mathematics, it enables them to see and teach in creative ways that will develop their pupil's mathematical thinking potential.

How People Learn

analysis of assessments in selected sub-Saharan African countries

Capturing 21st century skills

Kenya National Bibliography

First released in the Spring of 1999, How People Learn has been expanded to show how the theories and insights from the original book can translate into actions and practice, now making a real connection between classroom activities and learning behavior. This edition includes far-reaching suggestions for research that could increase the impact that classroom teaching has on actual learning. Like the original edition, this book offers exciting new research about the mind and the brain that provides answers to a number of compelling questions. When do infants begin to learn? How do experts learn and how is this different from non-experts? What can teachers and schools do with curricula, classroom settings, and teaching methods--to help children learn most effectively? New evidence from many branches of science has significantly added to our understanding of what it means to know, from the neural processes that occur during learning to the influence of culture on what people see and absorb. How People Learn examines these findings and their implications for what we teach, how we teach it, and how we assess what our children learn. The book uses exemplary teaching to illustrate how approaches based on what we now know result in in-depth learning. This new knowledge calls into question concepts and practices firmly entrenched in our current education system. Topics include: How learning actually changes the physical structure of the brain. How existing knowledge affects what people notice and how they learn. What the thought processes of experts tell us about how to teach. The amazing learning potential of infants. The relationship of classroom learning and everyday settings of community and workplace. Learning needs and opportunities for teachers. A realistic look at the role of technology in education.

The Kenya Gazette is an official publication of the government of the Republic of Kenya. It contains notices of new legislation, notices required to be published by law or policy as well as other announcements that are published for general public information. It is published every week, usually on Friday, with occasional releases of special or supplementary editions within the week.

Equity and Efficiency in Financing Secondary Education in Kenya

A Play

Local Insight with Lessons for the Global Community

International Education Resources

Betrayal in the City, first published in 1976 and 1977, was Kenya's national entry to the Second World Black and African Festival of Arts and Culture in Lagos, Nigeria. The play is an incisive, thought-provoking examination of the problems of independence and freedom in post-colonial African states, where a sizeable number of people feel that their future is either blank or bleak. In the words of Moses, one of the characters: "It was better while we waited. Now we have nothing to look forward to. We have killed our past and are busy killing our future."--Page 4 of cover.

This stimulating text shows how primary mathematics can be creative, exciting and enjoyable. Offering teachers a dynamic and different perspective, it enables them to see and teach in creative ways that will develop their pupil's mathematical thinking potential. Creative Teaching: Mathematics in the Primary Classroom encourages students, trainees and practicing teachers to envision and develop a classroom where children can take risks, enjoy and experiment with mathematical thinking, and discover and pursue their interests and talents in an imaginative yet purposeful way. This second edition contains key updates to reflect the changes to the primary curriculum and includes: new sections on: specialist teaching, parental engagement and approaches to homework; creative classroom environments; working walls, displays and outdoor settings; links to assessment, speaking, listening and learning theory; use of media, film, news and stories for creative learning; cross-curricula work. Featuring reflective tasks in every chapter, this book will prove essential and inspiring reading for all trainee and practising teachers looking to develop their creative practice. Aimed at primary and early years trainee teachers, NQTs and experienced teachers, this is a timely publication for teachers and schools seeking to broaden their maths curriculum, making it more creative and appealing to young minds.

Mathematics for Chemistry and Physics

The Loss of Trained Manpower and Other Implications

African Books in Print

Betrayal in the City

Scholars, especially those interested in understanding how leadership has inhibited academic freedom and hindered effectiveness of institutions of higher learning have for long been engaged by the very important manner in which governance and leadership of higher education institutions in Africa is constituted and managed. The fact that there has been a dearth of work based on the experiences of those who have served as university leaders has created a major gap. Questions remain on how leaders of higher education institutions are identified, how they are prepared, the personal predispositions that individuals bring to the exercise of such positions and their personal experiences regarding what energizes or inhibits the performance of their work. Until recently, presidents in most African countries served as chancellors of public universities, identification of those who served as university leaders was largely a political process. But much has changed, with most countries establishing oversight bodies and the overall governance of higher education institutions divorced from the day-to-day political processes. Trails in Academic and Administrative Leadership in Kenya provides a personal account of the experiences in higher education leadership from an individual whose tenure in leadership straddled the two eras. In this book, Prof. Michieka provides an account of how his early education prepared him for roles in academic and institutional leadership in Kenya. The author shares his experiences on the trails he had to navigate as an academic, a vice-chancellor and a chairperson of university council at a time when universities in Kenya were transiting from extreme government administrative control to a greater degree of operational autonomy. Readers will find in this work thought-provoking insights on how leaders of higher education institutions in Kenya have had to balance between demands of the political system and the need to safeguard academic traditions in the everyday management of the institutions.

Mathematics for Machine LearningCambridge University Press

Problems of Teaching Junior Secondary Mathematics in Kenya

Kenya National Assembly Official Record (Hansard)

History and Government Form 4

Towards Harmonization and Enhancement of Education Quality

THIS BOOK WILL SOON BE AVAILABLE AS OPEN ACCESS BOOK This book is a valuable resource for policymakers and practitioners as it brings insights mainly from developing countries where relatively less research activity takes place. It is also a valuable resource for courses in mathematics education in the teacher education colleges, and departments of education in the sub-Saharan Africa region. In the increasingly global and technological world mathematics is seen as a significant gatekeeper of opportunities for social and economic advancement and mobility. Hence, countries and development agencies in the broader sub-Saharan Africa region are looking towards increasing access to relevant and high-quality secondary education as a lever towards economic development. Policy makers and other key decision makers in education look towards improvement in mathematics teaching and learning as a key focus in education reform. In the East Africa region also a number of initiatives have been taken at the national level in the respective countries to improve the quality of mathematics education. This book provides an in-depth comparative analysis of the developments and issues in mathematics education in Kenya, Tanzania, Rwanda and Uganda, and advances our understanding of the state of secondary mathematics education in East Africa.

"Let's Cambridge IGCSE® Maths Revision Guide provides clear and accessible revision content to support all students, with practice opportunities to build your confidence and help you prepare for your Cambridge IGCSE® Maths assessments. Covering the Cambridge IGCSE Maths syllabus for first examination 2020, this revision guide includes: Clear and concise syllabus coverage, with the extended material clearly differentiated ; Topics in short, user-friendly sections to help you plan your revision in manageable chunks ; Revision tips to provide essential assessment guidance ; Quick test and exam-style practice questions for every topic, so you can check your progress and develop your exam skills ; A supporting glossary with easy-to-understand definitions of key terms"--Publisher description.

Professional Development in Science Teacher Education

Education in Eastern Africa

MATH 221 FIRST Semester Calculus

Creative Teaching: Mathematics in the Early Years and Primary Classroom

Distills key concepts from linear algebra, geometry, matrices, calculus, optimization, probability and statistics that are used in machine learning.

MATH 221 FIRST Semester CalculusBy Sigurd Angenent

Kenya Books in Print

Education in East and Central Africa

Mathematics for Machine Learning

Brain, Mind, Experience, and School: Expanded Edition

Chemistry and physics share a common mathematical foundation. From elementary calculus to vector analysis and group theory, Mathematics for Chemistry and Physics aims to provide a comprehensive reference for students and researchers pursuing these scientific fields. The book is based on the authors many classroom experience. Designed as a reference text, Mathematics for Chemistry and Physics will prove beneficial for students at all university levels in chemistry, physics, applied mathematics, and theoretical biology. Although this book is not computer-based, many references to current applications are included, providing the background to what goes on "behind the screen" in computer experiments.

This book explores global issues in the professional development of science teachers, and considers classroom applications of teacher training with a comparative lens. The twelve studies collected in this volume span five continents and vastly differing models of teacher education. Carefully detailing the social and cultural contexts for the teaching of science, this is a guidebook for anyone concerned with equity and reform in professional development.

Specialisation Within Secondary and Higher Education

Kenya Gazette

Creative Teaching: Mathematics in the Primary Classroom

Mathematics Education in East Africa

This volume covers advances that have occurred in the thirty year existence of the International Study Association on Teachers and Teaching (ISATT), the organization that helped transition the study of teacher thinking to the study of teachers and teaching in all of its complexities.

Education in East and Central Africa is a comprehensive critical reference guide to education in the region. With chapters written by an international team of leading regional education experts, the book explores the education systems of Djibouti, Eritrea, Ethiopia, Kenya, Somalia, South Sudan, Tanzania, Uganda, Zambia, Angola, Burundi, the Central African Republic, the Democratic Republic of Congo, Equatorial Guinea and Sao Tome, Gabon, the Republic of Congo and Rwanda. The book critically examines the regional development of education provision in each country as well as recent reforms and global contexts. Including a comparative introduction to the issues facing education in the region as a whole and guides to available online datasets, this handbook is an essential reference for researchers, scholars, international agencies and policy-makers at all levels.

The Weekly Review

The Evolution of a Research Community

Key Issues in State-community Partnership

Trails in Academic and Administrative Leadership in Kenya