**BOOKS & ARTICLES**


Paulus Gerdes of Mozambique - an appreciation [Mathematicians of the African Diaspora M.A.D information page about P. Gerdes which provides an overview of his books](#)


Zaslavsky, C. (1994) *Africa Counts*

This fascinating study of mathematical thinking among sub-Saharan African peoples covers counting in words and in gestures; measuring time, distance, weight, and other quantities; manipulating money and keeping accounts; number systems; patterns in music, poetry, art, and architecture; and number magic and taboos. African games such as mankala and elaborate versions of tic-tac-toe show how complex this thinking can be. An invaluable resource for students, teachers, and others interested in African cultures and multiculturalism, this third edition is updated with an introduction covering two decades of new research in the ethnomathematics of Africa.


More than 70 math games, puzzles, and projects from all over the world are included in this delightful book for kids.


Math, history, art, and world cultures come together in this delightful book for kids, even for those who find traditional math lessons boring. More than 70 games, puzzles, and projects encourage kids to hone their math skills as they calculate, measure, and solve problems. The games span the globe, and many have been played for thousands of years, such as three-in-a-row games like Achi from Ghana or the forbidden game of Jirig from Mongolia. Also included are imaginative board games like Lambs and Tigers from India and the Little Goat Game from Sudan, or bead and string puzzles from China, and Möbius strip puzzles from Germany. Through compelling math play, children will gain confidence and have fun as they learn about the different ways people around the world measure, count, and use patterns and symmetry in their everyday lives.


In this updated edition of classic a math resource, more than 80 games and activities help kids ages 8 and older go beyond just memorizing rules! They will instead learn to think critically about math and how
numbers work. Group and individual games teach fun, useful ways to manipulate odd and even numbers, prime and composite numbers, common and decimal fractions, and factors, divisors and multiples of numbers. Counting, calculating and writing numbers in languages from other cultures, such as China and Egypt, provide more understanding of basic math systems. Riddles, puzzles, number tricks and calculator games are fun ways to boost estimating and computation skills for every math student.

VIDEOS

Emerging Superstar: Science is Cool! NextGen TV with Dr. Joy Kiano - a 30-minute conversation with Dr. Kiano about the first Pan-African TV station.

NGen science videos - an outstanding resources for bringing African contexts into your science classroom

Africa: The Cradle of Mathematical Sciences - A lecture by Thierry Zomahoun

Africa: The Cradle of Mathematical Sciences – 10th World Conference of Science Journalists, San Francisco 2017

Documenting the History of Black Mathematicians - American Mathematical Society event on October 9, 2020, Nira Chamberlain, Edray Goins, Talitha Washington, John Weaver, and Scott Williams discuss this history.

Fractal origins of Math: Dr. Ron Eglash: African Origins of Maths Dr Ron Eglash Pt1
Part 2: African Origins of Maths Dr Ron Eglash Pt2


WEBSITES TO GAIN KNOWLEDGE FROM

Mathematicians of the African Diaspora (M.A.D.) CONTENTS

Mathematicians of the African Diaspora presents THE ANCIENTS


Gerdes, P. New designs from Africa: Inspiration from traditional Angolan Designs

On mathematics in the history of Sub-Saharan Africa

Young STEAM Inventors

The Algebra Project (Bob Moses)

ACTIVITIES & IDEAS

Inside Teaching Africa Day
Textiles & Adinkra
including a lesson plan on Adinkra fabric dying
Adinkra Glossary: Adinkra Glossary
Rethinking Mathematics