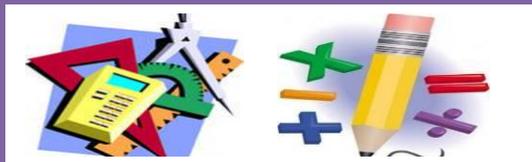


NEWSLETTER

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MATHEMATICS AND MODERN DEVELOPMENT

NAPOLEON used to say that **there cannot be a great nation without great mathematics**. He was right. Following this idea, he brought prosperity and glory to France by founding the famous Ecole Normale Supérieure, Paris and other Universities of great renown in which teaching mathematics was held at unmatched levels for that age. Thanks to this culture of mathematics, France since then until now has always been a great power in the world. For it has the capability of building spaceships to explore the cosmos. Nuclear industry is fairly developed there, much as everything which requires both advanced mathematics and technologies based on it. The influence also robbed on other European countries.

On the contrary, Africa, with more human and natural resources, does not build airplanes neither goes out to cosmos, and does not produce higher technologies. It is **incapable of affecting what happens in the rest of the world**. Countries belonging to the so-called Third World, like India, China, Brazil, that steadily and dynamically make their way to the leadership of world development, not only already possess the mathematics needed for such an effort, but **put adequate resources to its improvement**. This is brightly confirmed by mathematical international olympiads, where the young Chinese mathematicians constantly beat the European and American ones leaving behind the mathematical teams from old-culture countries like Germany, Italy, etc. Also one may notice that China itself, and India and Brazil too now are capable of producing airplanes, fly to cosmos, and do many other things far beyond Spain's and Italy's powers.

African Mathematicians are called to this great challenge!

THE development and advancement of Mathematics in schools and the society is a task for everyone

JOIN US! SUPPORT US !!
in the Mathematical Outreach



For Students and Teachers

WASSCE TOPICS DISCOURSED

IT is great to remember that the WASSCE 2012 is barely 6 months away. It is amazing to start digging deep towards better results in Mathematics now. **NOW!** Invest your time and energy on worthy goals.

Topics such as *Arithmetic, Algebra, Geometry, Trigonometry, Functions & Graphs, and Principles of Analysis, Sets and Probability* are treated with helps, questions and solutions.

Visit the Mathematical Web High School.

➔ <http://www.bymath.com>

- Geometry
- Trigonometry
- Functions & Graphs
- Principles of Analysis
- Sets
- Probability
- Analytic Geometry



QUOTES OF THE MONTH

- Mathematics - the unshaken Foundation of Sciences, and the plentiful Fountain of Advantage to human affairs. ~Isaac Barrow
- "Numbers rule the universe." Pythagoras c.550 B.C
- "Mathematics, rightly viewed, possesses not only truth, but supreme beauty." ~Bertrand Russell"
- Geometry enlightens the mind and sets one's mind straight...The mind that turns regularly to geometry is unlikely to fall into error." ~The Muqaddimah of Ibn Khaldun, 14th Century Islamic historical work