

The Role of Science Academies in Promoting Science Education programmes in Africa

SIG/RISE Workshop

Hilton Hotel, Nairobi, Kenya

June 3 -5, 2007



Core Activities of Science Academies

- Provide evidence-based policy advice
 - Build national appreciation and demand for advice from the Academy, e.g. RAS Initiative with Uganda AIDS Commission
 - Engage in a series of scientific activities that focus on generating and elucidating potential evidence-based solutions to pressing national concerns
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Other Academy Activities

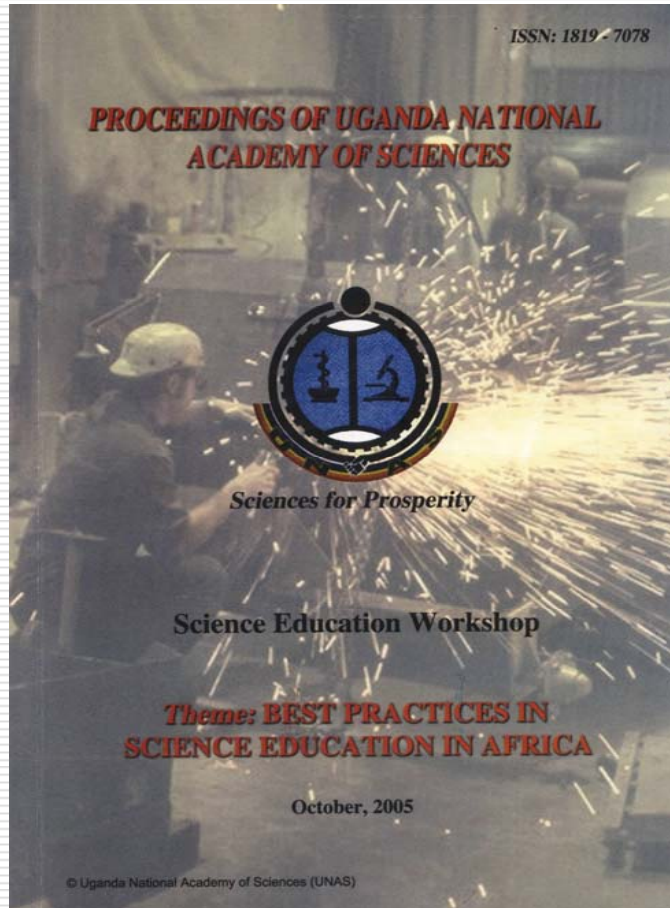
- ❑ Mobilization of expertise to offer services
 - ❑ Address policy questions & issues
 - ❑ Forums – series of workshops to illuminate issues
 - ❑ Consensus Studies to draw conclusions & generate recommendations
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At UNAS.....

- Science education is part of Academy programmes. Activities include:
 - Sensitisation activities targeting teachers at various levels (Min of Education...)
 - Science Education Workshops...
 - Recognition of excellence in science: *Fellows* & Prizes for scientists...
 - MSI: UNAS's deep involvement in Uganda
 - Forums and Consensus Studies on-going...
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Science Education Workshop.....



Best Practice recommendations

- Inquiry based methods
 - Rich menu of practical work using local examples
 - Emphasises relevance of content to learners
 - Regional centres of excellence
 - Mobile laboratory facilities
 - Align curriculum to community/society needs
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THANK YOU
