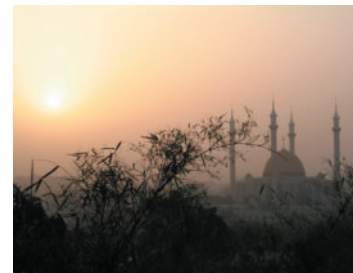


act_{cc}



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an education and
training company

act_{cc}

We are primarily a Namibian company established to play a role in the development of the Namibian education services. In achieving this goal we seek to work with others, most notably the Namibian Ministry of Education, sharing our vision.

Fundamental to the vision of the company is the belief, developed through experience, that all children, whatever may be their apparent ability, can achieve a sense of fulfilment through an understanding of the world around them, through the development of scientific and technological skills and through an understanding of number.

The company also recognises that the development of scientific and technological skills among the population is the cornerstone of national economic and social development.

We seek to achieve the vision by working with teachers, by helping them develop both the scientific and technological skills and also the pedagogical skills necessary to pass these on. We seek also to produce high quality teaching and learning materials that promote the development of scientific and technological skills, as well as an understanding of the world around us.

We also seek to work to promote the development of policy environments and educational strategies conducive to the teaching and learning of science, technology and mathematics within the constraints imposed by the Namibian economic and social conditions.

We recognise that many of the challenges facing Namibia in promoting scientific and technological understanding and skills are global. The company therefore seeks to export its experience to other countries and also to import solutions learned overseas.

Education is what survives when what has been learned has been forgotten.

B F Skinner, New Scientist, 1964



philosophy



ACT cc is a company formed in the first instance to meet the needs of those institutions in Namibia given the task of ensuring a supply of well qualified science educators for all levels in the education service, and ultimately meeting the needs of the nation in terms of scientifically and technologically literate manpower.

We have expertise in the fields of instructional design, ICT in education, and education and training with a specific focus on mathematics and science. In the past, this area has been served mainly by technical assistance projects. When these projects were gradually phased out, ACT cc was established to fill the vacuum using local expertise.

Training services we offer include teacher education, training in teacher support and science education management, training in the design and production of good instructional materials including textbooks and training in the use of ICT in science and technology education.

The company offers educational consultancy services in the fields of curriculum, particularly technology, science and mathematics, teacher education and support, instructional materials development, and educational policy issues. It also offers consultancy services in science and technology policy development.

In achieving its goals the company frequently works with other institutions, large or small, Namibian or international, that offer complementary services. This enables us to call upon a network of expertise locally and internationally that can address a wide variety of educational issues beyond the original scope of the company.

The company was established in 2001 by Andrew Clegg who has been working in the science education field in Namibia since 1991.



what we do

Nigeria
World Bank

Directing research into the use of ICT in teaching and learning in higher education. Editing the synthesis review of S&T education in Federal Higher Education Institutions. Assisting with the preparation of merit-financed US\$ 150 million S&T research and development programme 2006-7

Yemen
Vrije Universiteit
Amsterdam

Mastery Project. A standards-based reform of science and mathematics and teacher education programmes in the Universities of Dhamar, Hoddeida and Sana'a 2005-7

Southern Africa
UNESCO

Development and trialling of a training module to encourage more girls to enter science and technology programs. This published and can be found at <http://unesdoc.unesco.org/images/0014/001453/145367e.pdf> 2005-7

Facilitation of a regional workshop on public-private partnerships in science education. Conduct research work resulting in a manual which can be found at <http://unesdoc.unesco.org/images/0013/001394/139459e.pdf> 2003

Qatar
Supreme Educational
Council
Centre for British
Teachers

Development of Science curriculum standards, Grades K to 12 and associated schemes of work, training programmes and video-recordings. English versions of the standards can be downloaded at www.education.gov.qa/CS/en_sci/k.pdf, where k may be substituted by any grade from K to 12 2001-2.



Africa
World Bank and Vrije
Universiteit, Amster-
dam

Research activities supporting the Secondary Education in Africa programme (SEIA) of the World Bank. Analysis of Science and Mathematics Education in Namibia for the SEIA working paper on Science, Mathematics and ICT. Technical support to the SEIA Ministerial conference in Accra, April 2007

Uganda
Tanzania
Mozambique
World Bank, Danida and
DfID

Technical advice to the Ministries of Education on the expansion of secondary education towards universal access, with particular reference to the curriculum, its assessment and teacher education.
2003 - 7



- Namibia**
Rössing Foundation
with Orison Educational Services
Operational proposal and baseline study linked to the development of teacher support centres in Arandis, Swakopmund and Ondangwa
2006-7
- Namibia**
Namcol
with Orison Educational Services
Comparative analysis of Junior secondary physical science and mathematics curricula in southern African countries
2006
- Namibia**
World Bank
production of a report 'Evaluation of Teacher Training, Development and Professional Support'. for the Namibia human capital and knowledge development program. Preparation work for the Education and Training Sector Improvement Program (ETSIP)
- Namibia**
Heinemann Educational Books
Author; Revised versions of Grade 5, 6 and 7 natural science and health textbooks
Author; Discovering Science, Teacher Guide, Grade 4
Author; Revised versions of Grade 8, 9 and 10 physical science textbooks
Author; Physical Science H/IGCSE (Southern Africa)
2004-7
- Namibia**
Ministry of Higher education, Training and Employment Creation
with Namibia Resource Consultants
Consultations leading to the drafting of a national research policy
2002
Development of a scientific manpower and research database and website (currently at <http://www.act.com.na/research/index.html>)
2003



Namibia
**Ministry of Higher
education, Training and
Employment Creation**
with Namibia Resource
Consultants

Developing the HIV/AIDS Training Programme for the two Ministries of Education. Development and submission of the successful education sector application to the Global Fund for Aids, Tuberculosis and Malaria
2002

Namibia
**Namibia Open Learning
Network**

Identification and cataloguing appropriate learning software and audiovisual materials for the Namibian Open Learning Network
2001

Namibia
**Ministry of Basic
Education. Sport and
Culture**

Production of a report and training manual for timetabling in secondary schools. Conduct two workshops on the principles and practice of timetabling, including the use of a variety of scheduling software
2001

Namibia
UNESCO

Workshops on the training of textbook authors. Production of a handbook for writers of teacher support material.
2001

Namibia
Ministry of Education

Science teacher training. Workshops for advisory teachers and facilitators. Preparation of training guides.
Ongoing



About the Fund

The ACT education fund is a charitable fund originally established by the INSTANT project.

The INSTANT project was financed by the European Union and under EU regulations, income generated by the project could not be added to its ordinary account. The project generated a regular income mainly from interest on funds but also from royalties for textbooks part-authored by Andrew Clegg, then one of the Project staff

The INSTANT Project was managed for the European Union by the Vrije Universiteit, Amsterdam. When the Project ceased its operations in 1996, the Education Fund account remained open and continued to receive royalties. In 2001 the administration of the Fund was handed over to ACT.

The royalty income continues and is paid into a special ACT account, the ACT Education Fund

Beneficiaries

The Education Fund continues to receive a small variable royalty income which has been used from time to time to support science education in the Namibia.

The fund supports activities not normally supported by government. It has been used to provide textbooks and materials for *pro bono* training workshops run by ACT

It has been used to provide science textbooks to St Mary's Secondary School at Odibo, a charitable school outside the ministry which serves a relatively poor income area in the far north.

It has also been used to provide trophies for the four north central regions to be awarded annual to the schools with the most improved physical science results. It has also contributed prizes for this.



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