AIMSSEC 10 YEARS OF PROFESSIONAL DEVELOPMENT FOR MATHS TEACHERS

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Target audience: In-service training for all phases.

THE POSTER WILL HIGHLIGHT THE FOLLOWING SUMMARY OF WHAT AIMSSEC HAS ACHIEVED IN 10 YEARS (PHOTOS WILL BE INCLUDED):

1. As part of the African Institute for Mathematical Sciences (AIMS) we offer a Pan-African network of AIMS centres;
2. We have ten year's experience with distance learning courses for primary and secondary teachers and subject advisers from all provinces. We use Moodle and e-learning and Interactive Telematic Sessions – TV broadcasts;
3. We also have many students who have completed our 27-month subject leader training and ACE courses and they are now looking for opportunities to study further;
4. We have experience in organising residential face-to face contact sessions with teachers from all parts of South Africa – we have held 25 such residential courses in the Western and Eastern Cape;
5. A distinguished team of more than 55 international mathematics education experts assist us on these courses and support staff and students after the courses;
6. Our new AIMING HIGHER 'Maths with Wings' course, and associated research involving Professor Frode Ronning from Trondheim University, aims to empower teachers to teach up to internationally equivalent university entrance standard;
7. Our AIMING HIGH Teacher Network www.aiminghigh.aimssec.org supports lifelong learning, offering resources for teaching mathematics, and enabling teachers to share ideas, ask for help and advice, and support each other;
8. The AIMING HIGH Book Series: To support the cascade model of teacher professional development, the 55-strong AIMSSEC international team is writing a series of 16 books with teacher self-help-workshop guides;
9. We distribute free teaching and learning resources;
10. We have already developed 70 apps for learning mathematics on basic cell phones using MXiT software, targeted at developing countries;
11. The Zenex Foundation has sponsored a full three year evaluation of the ACE subject leader training programme. The evaluation is being conducted by Kelello Consulting

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and Professor Jill Adler of the Witwatersrand University from December 2010 to December 2013. It has now entered the third year and data from the evaluation offers more research opportunities.