MINISTRY OF EDUCATION AND VOCATIONAL TRAINING

PROGRESS IN EDUCATION, ICT AND SKILLS DEVELOPMENT IN TANZANIA

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The Government implementing Primary Education Development Plan (PEDP, 2002) and Secondary Education Development Plan (SEDP, 2004).

The overall objectives of the plans are to improve equity access to education, delivery of quality basic education and effective educational management.
Programmes/plans contd...

- Plans respond to Education Sector Development Programme (ESDP, 2008) which aims at putting into action the objectives of the Education and Training Policy (ETP) of 1995 and addresses overall challenges related to the provision of quality education.

- Plans are also geared towards realization of Education For All (EFA) and Millennium Development Goals (MDGs), which emphasize on meeting the basic learning needs of every person.
Achievements

- The number of Government and Non-Government primary schools increased from 12,152 in 2002 to 15,816 in 2010 while the number of secondary schools increased from 1,291 in 2002 to 4,266 in 2010.

- Enrollment in primary schools increased from 5,981,338 (2002) to 8,419,305 (2010) while in secondary schools increased from 328,318 (2002) to 1,638,699 (BEST2010).
Challenges

- Inadequate and unqualified teachers, especially in science, mathematics and English subjects
- Unsatisfactory teaching and learning
- Inadequate teaching and learning resources
- Lack of science laboratories and chemicals in most of secondary schools
- Lack of a well coordinated/systematic and need-based Teacher Continuous Professional Development
Initiatives to surmount the challenges

**Teacher preparation**

- Training teachers at certificate and diploma level through two tier systems
- Induction programme for licensing form six graduates to teach in secondary schools
- Contract retired teachers and employ non education university graduates
- Government and Non-Government Universities introduced bachelor degree with education programmes to train more teachers
The Government embarked on the ICT use and integration in education with focus on addressing the mentioned challenges. Some ICT initiatives in place include:

- **Tanzania Beyond Tomorrow (TBT) e Learning Programme.** The programme aims at coordinating ICT initiatives with focus on effective use and integration in basic Education and transform the country into a knowledgeable society.

- **Piloting ICT Competence Standards for Teachers in Tanzania (ICT-CST in Tanzania, 2011).** The ICT-CST framework was developed with financial support from the WB and GeSCI provided technical support. Implementation of the pilot is scheduled July 2012 to June 2013 within the SEDP funding framework.
Initiatives Contd..

ICT in Teacher Education

- ICT Programme in 34 Govt Teachers’ Colleges: Colleges are provided with computers and internet connectivity through VSAT
- Pilot project on Teaching and learning Science, Mathematics and English in 21 secondary schools using ICT, (SME ICT PROJECT). The main objective of the project is to improve T/L SME and funded by Sida for two years commencing July 2011 to June 2013. GeSCI provides technical support in the project. 210 SME teachers and 70 SME tutors are involved in the project
Initiatives contd..

Key components in the project

- ICT infrastructure in 21 schools
  - 20 schools are connected to the national grid and one school is provided with solar power. Each school is provided with 5 laptops, projectors and screens.

- Capacity development: Focus on ICT basic skills, technical and pedagogy

- Digital Learning Resources (DLR) for SME subjects and

- M & E
Initiatives Contd..

**ICT in Primary education:**

- **Tanzania 21st Century Basic Education Program (TZ21):** The main goal is to improve learning, reading, mathematics, and science in primary education.

- **Bridge IT Tanzania:** The main objective of the project is to develop capacities to teachers in delivering their lessons in the classrooms. Teachers are provided with Nokia mobile phones that use the Nokia Educational Delivery platform, where teachers can download lesson materials and present in the classrooms.
Challenges related to ICT initiatives

- Digitalisation of education curriculum, T/L resources (pre primary, primary, secondary and teacher education)
- Expertise in development Digital Learning Resources (DLR) in line with curriculum
- Access to ICT equipment
- Unaffordable ICT equipment
- Capacity development to teachers and college tutors to use and integrate ICT in teaching and learning
Current Govt priorities

- Addressing the following quality related issues:
  - availability of qualified and competent teachers through PRESET and INSET
  - availability of relevant teaching and learning resources (including DLR)
  - equipping sec. schools with Sc. Labs and chemicals
  - embark on ICT to facilitate delivery of quality education
THANK YOU FOR LISTENING
&
WELCOME FOR DISCUSSION