

African Forum on Youth Skills and Enterprise in the Digital Era (18-19 April 2018- Tunis, Tunisia)

Digital Secondary Education, 21st century skills and readiness for the world of work



**Ministry of Education
Sudan**



**State Minister
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Digital Skills Programs

- One of the Education Conference recommendations is to digitalized education skills, in order to equip youth with the necessary skills, tools & enhancing the quality of the education to achieve innovations.
- For executing that, the ministry of education establish (Education for all) initiative. According to the following plan:

1. Establishing the IT unit at the National Center for Curriculum and Educational Research in order to benefit from the experiences of the private sector .
2. **Content design and computerization of all public education curricula and curricula of technical education and dissemination of multimedia.**
3. Completion of computerization of educational courses for youth and children outside school.
4. **Continuing to train teachers on the use of computer programs.**
5. Complete the provision of computer labs in every school to be the basis for e-learning and networking.
6. **Coordination with education partners from ministries, organizations and private sector.**

Digital Skills Programs (Implemented projects and programs)

1. Distribution of computer labs in secondary schools.
2. Training of 1000 teachers on the Sudanese Computer Driving License.
3. In the framework of the project to improve the school environment (1%), the activities of the technological education project started in 13 states, equivalent to 22.5% of the amounts allocated to the project.



Digital Education and methods used:

- Electronic chapters.
- Virtual laboratories.
- Teacher training.
- Computer lab
- Halls + networking.

Digital Skills Programs(Projects)

Name	Deliverables	Regions	Phase	Outcomes
Digital Education	Classrooms + Teacher training	6 states	Over	<ul style="list-style-type: none"> • 103 electronic classroom • 1680 TOT • Rehabilitation of laboratories
Can't wait to learn	<ul style="list-style-type: none"> • Notepad distribution • Electronic lessons 	4 states	3	<ul style="list-style-type: none"> • Student learn faster • Parent also learned • Out of school learning
Basic education Strengthening	<ul style="list-style-type: none"> • Building classrooms • EMIS • Teacher mgt system • Strategic plan 	All states	over	<ul style="list-style-type: none"> • Extra students were seated • Providing statistical information
Universal Access Project	<ul style="list-style-type: none"> • 21860 computers. • Networking of 920 schools. 	All states	1	<ul style="list-style-type: none"> • Early terminated
Network connectivity	<ul style="list-style-type: none"> • Fiber optics cable to each MOE office 	All states	over	<ul style="list-style-type: none"> • All states are connected

Contributions from the private sector and civil society

- Educational sites such as the e-school site.
- There are 2 educational satellite channels.
- Production of computerized content in storage media.





- **Curriculum-makers in Sudan:** trained in the life skills of the 21st century and will integrate them into curricula when updated.
- **Teacher training:** (5000) has been trained in deep learning skills and has been incorporated into the lesson plan in an intangible way for the student, so that it does not take long time of lesson, and pedagogically to become a vital and acquired behavior of the student in the era of globalization and help work in teams When entering the labor market.

- critical thinking and problem solving.
- collaboration and communication.
- creativity and imagination.
- citizenship.
- digital literacy.
- student leadership and personal development.

Digital Skills Programs(Challenges)

- Spread the culture of e-learning.
- Link digital skills programs to strategic planning.
- Technical support .
- Qualified staff to deal with digital skills .
- Access to the Internet.
- Infrastructure.

Digital Skills Programs(Future vision)

After the lifting of the economic embargo imposed on Sudan, new opportunities have emerged that can be used in the implementation of digital skills programs.

Concerning the design of the content of the curriculum, there are major international companies that designed ready templates for interactive content which Sudan can make use of them.

**Thank
you**