

Every child is a National Asset

SECTOR RESPONSE IN IMPROVING FOUNDATIONAL SKILLS FOR THE 21ST CENTURY

4th HRDC SUMMIT 2021

DEPARTMENT OF BASIC EDUCATION

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basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA



Read to Lead
A Reading Nation is a Leading Nation

OUTLINE OF THE PRESENTATION

1. Purpose of the Presentation
2. Background
3. Foundational and 21st Century Skills
4. Sector's response

PURPOSE OF THE PRESENTATION

To present to HRDC Summit the Basic Education sector's response in improving foundational skills for the 21st Century.

BACKGROUND

- In responding to the demands of the 21st Century, the Basic Education Sector over and above the three foundational skills of reading, writing and arithmetic has identified extra skills necessary to prepare young people for the skills of the future.

21st-Century Skills

Foundational Literacies

How students apply core skills to everyday tasks



1. Literacy



2. Numeracy



3. Scientific literacy



4. ICT literacy



5. Financial literacy



6. Cultural and civic literacy

Competencies

How students approach complex challenges



7. Critical thinking/
problem-solving



8. Creativity



9. Communication



10. Collaboration

Character Qualities

How students approach their changing environment



11. Curiosity



12. Initiative



13. Persistence/
grit



14. Adaptability



15. Leadership



16. Social and cultural awareness

Lifelong Learning



SECTOR'S RESPONSES

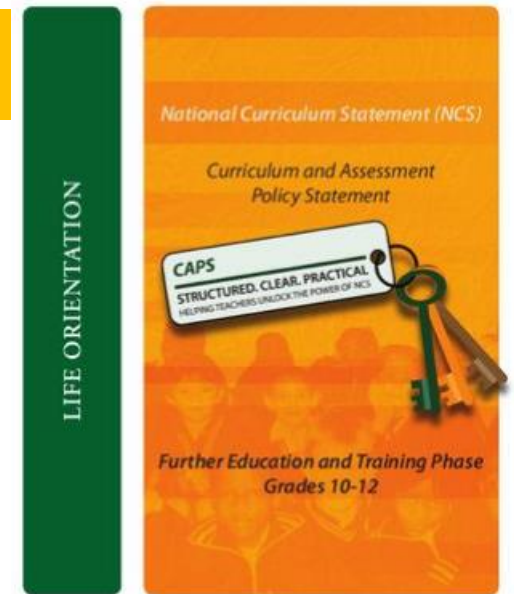
DBE is responding to help learners to cope with the 21st Century demands by focusing on the following:

1. Refocus the curriculum

2. Prepare our teachers

3. Digitisation

4. Learning spaces



1. Refocus the curriculum

Strengthen the Curriculum in terms of Quality and Relevance to the 4IR:

- ✓ DBE is introducing modernised, relevant curricula such as robotics, marine sciences, compulsory history, sustainable agriculture and “green” subjects
- ✓ Assess 4IR skills such as critical thinking, creativity and collaboration explicitly in the curriculum and in assessments
- ✓ Revise teaching and learning methodologies, pedagogies
- ✓ Introduction of the Vocational and Occupational Streams
- ✓ The National Curriculum Framework 0 – 4 developed
- ✓ Introduction of entrepreneurship

2. Prepare our teachers

- Give teachers ICT integration skills as envisaged in the Professional Development Framework for Digital Learning
- Prepare teachers to live in a digital world and understand its risks and benefits
- Capacitate teachers in soft skills relevant for the 4IR – 4Cs, social and emotional skills
- DBE is also implementing the Rural Education Assistants Programme (REAP) to improve reading and numeracy in rural areas.



2. Prepare our teachers

- Play-Based Learning The Department of Basic Education, UNICEF and Cotlands embarked on an in-service training programme to capacitate 150 000 ECD practitioners and foundation phase educators in play-based learning pedagogies and practice over a three-year period.
- Capacitate teachers in teaching reading through the Primary School Reading Improvement Programme (PSRIP);
- Prepare teachers on the Occupational stream and numeracy.



3. DIGITISATION OF TEACHING AND LEARNING

- DBE has digitised its curriculum content and made it interactive and gamified
- Online teacher needs assessments done;
- Learners taught Coding and robotics
- Development of an online Teacher Development Platform to provide for mixed mode TD approaches
- Guidelines for online teaching and learning developed
- Digitisation of examinations and assessments
- Digitisation of teaching delivery
- Provision of ICTs and connectivity to both teachers and learners



4. LEARNING SPACES

- Reviewed norms and standards for infrastructure
- Revise classroom teaching methods
- Reconsider classroom layout. Classroom designed to facilitate:
 - ✓ Learner-centric learning
 - ✓ Project-based learning
 - ✓ Play-based learning
- Change approach from Professional Development to Professional Learning

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Thank you!

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