



Reference: 20200127-3649
File no.: 12/2/11/5/2
Enquiries: Director GET and Director FET

Curriculum and Assessment Management Minute: 0002/2020

To: Deputy Directors-General, Chief Directors, Directors, Heads: Curriculum Support, Heads: Management and Governance, Circuit Managers, Deputy Chief Education Specialists, Subject Advisers and Principals of primary and secondary schools

Subject: Provision of Teaching and Assessment Plans

1. The theme for 2020 is the "Year of Functional Schools: Developing values-driven teams". Realising this objective depends on our ability to:
 - provide instructional leadership and manage the human/physical resources at our schools in such a manner that an enabling teaching and learning environment is created, and
 - ensure that teaching in every classroom is the product of thorough planning and knowledgeable subject leadership, capacitation and support to subject teachers of every grade and phase.
2. Wally Morrow (2008) defined teaching as *"the **organisation of systematic learning...** characterised by the content knowledge, lesson preparation, classroom management, teaching strategies and finally the assessment of work by the teacher"*.
3. Effective teaching starts with good planning which serves as a framework for:
 - the teacher to engage in pedagogies that are learner-centred, organised and deeply reflective, and
 - a School Management Team (SMT) to ensure continuity and progression of knowledge, skills and related attitudes and values across grades/phases as well as assessment that provides evidence of strengths, weaknesses and the next steps in teaching and learning.

4. In support of this, Senior Curriculum Planners and Subject Advisers developed Teaching and Assessment Plans for every subject and every grade. The plans are aligned to the Curriculum and Assessment Policy Statements and the recent amendments to the requirements for school-based assessment (SBA).
5. With this, and the school's adaptations to this planning framework, every school will now be able to have clarity of their term and year planning in terms of:
 - curriculum coverage, supportive resources, activity selection, and
 - school-based assessment (that should ideally also be communicated to learners and parents), and
 - internal moderation of the quality of tests, tasks, orals, practical's, practical assessment tasks, etc.
6. It is expected of all teachers to adhere to the eventually agreed-upon school planning for every subject in every grade and phase. The Teaching and Assessment Plans must also be used by the SMT to support and enhance the quality of teaching in every classroom, by assisting with:
 - the selection of appropriate resources and/or additional learning activities,
 - advising teachers on the pre-knowledge relevant to specific subject topics,
 - integrating Information Communication Technology to improve teaching and deepen learning,
 - monitoring and tracking the percentage of curriculum covered and the extent to which the SBA has been completed, and
 - providing guidance on internal moderation and the quality of assessments.
7. In the Teaching and Assessment Plans for Further Education and Training (Grades 10 to 12), the examination requirements are provided so that assessment practices across schools are of the same standard and curriculum compliant.
8. Having clear teaching and assessment plans and ensuring that effective monitoring and support is part of the school culture, will help to realise the vision of the Western Cape Education Department: Quality education for every child in every classroom in every school in the province. As planning for the use of innovative teaching strategies and authentic assessment activities is enhanced, it will help to bring back the fun and enjoyment into teaching and learning.
9. Principals are requested to provide these Teaching and Assessment Plans to all subject teachers for the grades and phases they are responsible for and to support them (with the help of the SMT) to implement their term and year plans. It is expected that the principal as the instructional leader of the school will mediate these documents and procedures to the SMT and teachers. Through regular reflection, either as individual teachers or as a subject team, schools will be able to improve the quality of teaching. Principals are further

encouraged to monitor the implementation of these plans by placing it on the agenda of staff meetings regularly.

10. The Teaching and Assessment Plans can be accessed via the links provided in the following Annexures:
 - Annexure A: GET Teaching and Assessment Plans including subjects in Foundation Phase, Intermediate Phase and Senior Phase
 - Annexure B: FET Teaching and Assessment Plans for subjects in Grades 10, 11 and 12
11. Principals are kindly requested to bring the contents of this minute to the attention of all members of staff.

SIGNED: PAD BEETS

DEPUTY DIRECTOR-GENERAL: CURRICULUM AND ASSESSMENT MANAGEMENT

DATE: 2020-01-31

Annexure A: Teaching and Assessment Plans 2020

General Education and Training (Grade 1 – 9)

Bylae A: Onderrig- en Assesseringsplanne 2020

Algemene Onderwys en Opleiding (Graad 1 – 9)

Early Childhood Development (ECD)



Beginning Stages
<https://wcedportal.co.za/eresource/86136>



Moving On
<https://wcedportal.co.za/eresource/86146>



Advancing further
<https://wcedportal.co.za/eresource/86151>



Towards Grade R
<https://wcedportal.co.za/eresource/86156>

Foundation Phase (Grade 1 – 3)

Grade 1



Afrikaans Huistaal
<https://wcedportal.co.za/eresource/84401>



Afrikaans Eerste
Addisionele Taal
<https://wcedportal.co.za/eresource/84376>



English Home
Language
<https://wcedportal.co.za/eresource/84406>



English First Additional
Language
<https://wcedportal.co.za/eresource/84336>



IsiXhosa Home
Language
<https://wcedportal.co.za/eresource/84416>



Mathematics
<https://wcedportal.co.za/eresource/84291>



Wiskunde
<https://wcedportal.co.za/eresource/83921>



Life Skills

<https://wcedportal.co.za/eresource/84516>



Lewensvaardighede

<https://wcedportal.co.za/eresource/84491>

Grade 2



Afrikaans Huistaal

<https://wcedportal.co.za/eresource/84436>



Afrikaans Eerste
Addisionele Taal

<https://wcedportal.co.za/eresource/84381>



English Home
Language

<https://wcedportal.co.za/eresource/84446>



English First Additional
Language

<https://wcedportal.co.za/eresource/84346>



IsiXhosa Home
Language

<https://wcedportal.co.za/eresource/84451>



Mathematics

<https://wcedportal.co.za/eresource/84296>



Wiskunde

<https://wcedportal.co.za/eresource/83986>



Life Skills

<https://wcedportal.co.za/eresource/84521>



Lewensvaardighede

<https://wcedportal.co.za/eresource/84501>

Grade 3



Afrikaans Huistaal

<https://wcedeportal.co.za/eresource/84471>



Afrikaans Eerste Addisionele Taal

<https://wcedeportal.co.za/eresource/85916>



English Home Language

<https://wcedeportal.co.za/eresource/84461>



English First Additional Language

<https://wcedeportal.co.za/eresource/84366>



IsiXhosa Home Language

<https://wcedeportal.co.za/eresource/84481>



Mathematics

<https://wcedeportal.co.za/eresource/84311>



Wiskunde

<https://wcedeportal.co.za/eresource/84046>



Life Skills

<https://wcedeportal.co.za/eresource/84526>



Lewensvaardighede

<https://wcedeportal.co.za/eresource/84506>

Intermediate Phase (Grade 4 – 6)

Grade 4



Afrikaans Huistaal

<https://wcedeportal.co.za/eresource/85466>



Afrikaans Eerste Addisionele Taal

<https://wcedeportal.co.za/eresource/85471>



English Home Language

<https://wcedeportal.co.za/eresource/85381>



English First Additional Language

<https://wcedeportal.co.za/eresource/85386>



IsiXhosa Home
Language

<https://wcedportal.co.za/eresource/85236>



Mathematics

<https://wcedportal.co.za/eresource/86011>



Wiskunde

<https://wcedportal.co.za/eresource/85931>



Social Sciences:
Geography

<https://wcedportal.co.za/eresource/84816>



Social Sciences:
History

<https://wcedportal.co.za/eresource/84881>



Sosiale Wetenskappe:
Geografie

<https://wcedportal.co.za/eresource/85161>



Sosiale Wetenskappe:
Geskiedenis

<https://wcedportal.co.za/eresource/85171>



Life Skills
(PSW)

<https://wcedportal.co.za/eresource/85196>



Lewensvaardighede
(PSW)

<https://wcedportal.co.za/eresource/86191>



Life Skills
(Phys Ed)

<https://wcedportal.co.za/eresource/85101>



Lewensvaardighede
(LO)

<https://wcedportal.co.za/eresource/85306>



Life Skills
(Arts and Culture)

<https://wcedportal.co.za/eresource/85891>



Lewensvaardighede
(Kuns en Kultuur)

<https://wcedportal.co.za/eresource/86091>



Natural Science and
Technology

<https://wcedportal.co.za/eresource/86066>



Natuurwetenskappe
en Tegnologie

<https://wcedportal.co.za/eresource/86161>

Grade 5



Afrikaans Huistaal

<https://wcedportal.co.za/eresource/85476>



Afrikaans Eerste
Addisionele Taal

<https://wcedportal.co.za/eresource/85481>



English Home
Language

<https://wcedportal.co.za/eresource/85391>



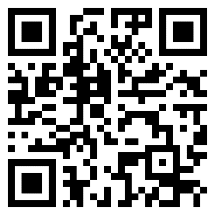
English First Additional
Language

<https://wcedportal.co.za/eresource/85396>



IsiXhosa Home
Language

<https://wcedportal.co.za/eresource/85256>



Mathematics

<https://wcedportal.co.za/eresource/86021>



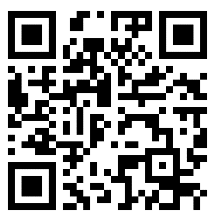
Wiskunde

<https://wcedportal.co.za/eresource/85936>



Social Sciences:
Geography

<https://wcedportal.co.za/eresource/84821>



Social Sciences:
History

<https://wcedportal.co.za/eresource/84886>



Sosiale Wetenskappe:
Geografie

<https://wcedportal.co.za/eresource/85176>



Sosiale Wetenskappe:
Geskiedenis

<https://wcedportal.co.za/eresource/85181>



Life Skills
(PSW)

<https://wcedportal.co.za/eresource/85216>



Lewensvaardighede
(PSW)

<https://wcedportal.co.za/eresource/86196>



Life Skills
(Phys Ed)

<https://wcedportal.co.za/eresource/85116>



Lewensvaardighede
(LO)

<https://wcedportal.co.za/eresource/85291>



Life Skills
(Arts and Culture)

<https://wcedportal.co.za/eresource/85896>



Lewensvaardighede
(Skeppende Kunste)

<https://wcedportal.co.za/eresource/86101>



Natural Science and
Technology

<https://wcedportal.co.za/eresource/86071>



Natuurwetenskappe
en Tegnologie

<https://wcedportal.co.za/eresource/86166>

Grade 6



Afrikaans Huistaal

<https://wcedeportal.co.za/eresource/85486>



Afrikaans Eerste Addisionele Taal

<https://wcedeportal.co.za/eresource/85491>



English Home Language

<https://wcedeportal.co.za/eresource/85406>



English First Additional Language

<https://wcedeportal.co.za/eresource/85411>



IsiXhosa Home Language

<https://wcedeportal.co.za/eresource/85156>



Mathematics

<https://wcedeportal.co.za/eresource/86026>



Wiskunde

<https://wcedeportal.co.za/eresource/85951>



Social Sciences: Geography

<https://wcedeportal.co.za/eresource/84831>



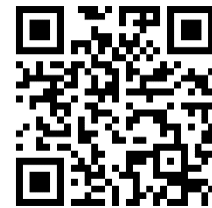
Social Sciences: History

<https://wcedeportal.co.za/eresource/84906>



Sosiale Wetenskappe: Geografie

<https://wcedeportal.co.za/eresource/85191>



Sosiale Wetenskappe: Geskiedenis

<https://wcedeportal.co.za/eresource/85201>



Life Skills (PSW)

<https://wcedeportal.co.za/eresource/85226>



Lewensvaardighede (PSW)

<https://wcedeportal.co.za/eresource/86201>



Life Skills (Phys Ed)

<https://wcedeportal.co.za/eresource/85126>



Lewensvaardighede (LO)

<https://wcedeportal.co.za/eresource/85296>



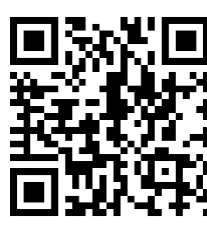
Life Skills
(Arts and Culture)

<https://wcedportal.co.za/eresource/85906>



Lewensvaardighede
(Kuns en Kultuur)

<https://wcedportal.co.za/eresource/86111>



Natural Science and
Technology

<https://wcedportal.co.za/eresource/86106>



Natuurwetenskappe
en Tegnologie

<https://wcedportal.co.za/eresource/86171>

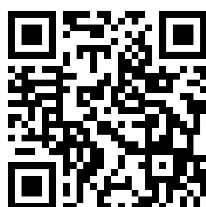
Senior Phase (Grade 7 – 9)

Grade 7



Afrikaans Huistaal

<https://wcedportal.co.za/eresource/85266>



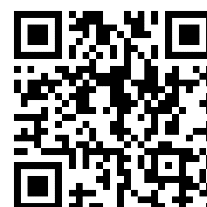
Afrikaans Eerste
Addisionele Taal

<https://wcedportal.co.za/eresource/85261>



English Home
Language

<https://wcedportal.co.za/eresource/84941>



English First Additional
Language

<https://wcedportal.co.za/eresource/84946>



IsiXhosa Home
Language

<https://wcedportal.co.za/eresource/85166>



Mathematics

<https://wcedportal.co.za/eresource/85131>



Wiskunde

<https://wcedportal.co.za/eresource/85961>



Life Orientation

<https://wcedportal.co.za/eresource/85141>



Lewensoriëntering

<https://wcedportal.co.za/eresource/85326>



Natural Science

<https://wcedportal.co.za/eresource/86081>



Natuurwetenskappe

<https://wcedportal.co.za/eresource/86186>



Technology

<https://wcedportal.co.za/eresource/85911>



Tegnologie

<https://wcedportal.co.za/eresource/85941>



Economical
Management
Sciences

<https://wcedportal.co.za/eresource/84911>



Ekonomiese
Bestuurswetenskappe

<https://wcedportal.co.za/eresource/84916>



Social Sciences:
Geography

<https://wcedportal.co.za/eresource/84836>



Social Sciences:
History

<https://wcedportal.co.za/eresource/84896>



Sosiale Wetenskappe:
Geografie

<https://wcedportal.co.za/eresource/85966>



Sosiale Wetenskappe:
Geskiedenis

<https://wcedportal.co.za/eresource/85221>



Creative Arts:
Dance

<https://wcedportal.co.za/eresource/85786>



Skeppende Kunste:
Dans

<https://wcedportal.co.za/eresource/86006>



Creative Arts:
Drama

<https://wcedportal.co.za/eresource/85531>



Skeppende Kunste:
Drama

<https://wcedportal.co.za/eresource/85996>



Creative Arts:
Music

<https://wcedportal.co.za/eresource/85866>



Skeppende Kunste:
Musiek

<https://wcedportal.co.za/eresource/86046>



Creative Arts:
Visual Art

<https://wcedportal.co.za/eresource/85886>



Skeppende Kunste:
Visuele Kuns

<https://wcedportal.co.za/eresource/86076>

Grade 8



Afrikaans Huistaal

<https://wcedportal.co.za/eresource/85276>



Afrikaans Eerste
Addisionele Taal

<https://wcedportal.co.za/eresource/85271>



English Home
Language

<https://wcedportal.co.za/eresource/84976>



English First
Additional Language

<https://wcedportal.co.za/eresource/84951>



IsiXhosa Home
Language

<https://wcedportal.co.za/eresource/85186>



Mathematics

<https://wcedportal.co.za/eresource/86041>



Wiskunde

<https://wcedportal.co.za/eresource/85981>



Life Orientation

<https://wcedportal.co.za/eresource/85146>



Lewensoriëntering

<https://wcedportal.co.za/eresource/85321>



Natural Science

<https://wcedportal.co.za/eresource/86086>



Natuurwetenskappe

<https://wcedportal.co.za/eresource/86176>



Technology

<https://wcedportal.co.za/eresource/85926>



Tegnologie

<https://wcedportal.co.za/eresource/85956>



Economical
Management
Sciences

<https://wcedportal.co.za/eresource/84921>



Ekonomiese
Bestuurswetenskappe

<https://wcedportal.co.za/eresource/84926>



Social Sciences:
Geography

<https://wcedportal.co.za/eresource/84866>



Social Sciences:
History

<https://wcedportal.co.za/eresource/84901>



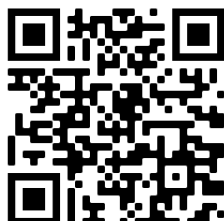
Sosiale Wetenskappe:
Geografie

<https://wcedportal.co.za/eresource/85231>



Sosiale Wetenskappe:
Geskiedenis

<https://wcedportal.co.za/eresource/85241>



Creative Arts:
Dance

<https://wcedportal.co.za/eresource/85776>



Skeppende Kunste:
Dans

<https://wcedportal.co.za/eresource/85776>



Creative Arts:
Drama

<https://wcedportal.co.za/eresource/85521>



Skeppende Kunste:
Drama

<https://wcedportal.co.za/eresource/85986>



Creative Arts:
Music

<https://wcedportal.co.za/eresource/85861>



Skeppende Kunste:
Musiek

<https://wcedportal.co.za/eresource/86036>



Creative Arts:
Visual Art

<https://wcedportal.co.za/eresource/85881>



Skeppende Kunste:
Visuele Kuns

<https://wcedportal.co.za/eresource/86061>

Grade 9



Afrikaans Huistaal

<https://wcedportal.co.za/eresource/85301>



Afrikaans Eerste
Addisionele Taal

<https://wcedportal.co.za/eresource/85286>



English Home
Language

<https://wcedportal.co.za/eresource/85006>



English First Additional
Language

<https://wcedportal.co.za/eresource/85001>



IsiXhosa Home
Language

<https://wcedportal.co.za/eresource/85206>



Mathematics

<https://wcedportal.co.za/eresource/86051>



Wiskunde

<https://wcedportal.co.za/eresource/85991>



Life Orientation

<https://wcedportal.co.za/eresource/85151>



Lewensoriëntering

<https://wcedportal.co.za/eresource/85331>



Natural Science

<https://wcedportal.co.za/eresource/86096>



Natuurwetenskappe

<https://wcedportal.co.za/eresource/86181>



Technology

<https://wcedportal.co.za/eresource/85921>



Tegnologie

<https://wcedportal.co.za/eresource/85976>



Economical
Management
Sciences

<https://wcedportal.co.za/eresource/84931>



Ekonomiese
Bestuurswetenskappe

<https://wcedportal.co.za/eresource/84936>



Social Sciences:
Geography

<https://wcedportal.co.za/eresource/84856>



Social Sciences:
History

<https://wcedportal.co.za/eresource/85346>



Sosiale Wetenskappe:
Geografie

<https://wcedportal.co.za/eresource/85246>



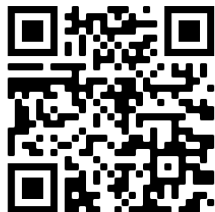
Sosiale Wetenskappe:
Geskiedenis

<https://wcedportal.co.za/eresource/85251>



Creative Arts:
Dance

<https://wcedportal.co.za/eresource/85761>



Skeppende Kunste:
Dans

<https://wcedportal.co.za/eresource/86001>



Creative Arts:
Drama

<https://wcedportal.co.za/eresource/85516>



Skeppende Kunste:
Drama

<https://wcedportal.co.za/eresource/85971>



Creative Arts:
Music

<https://wcedportal.co.za/eresource/85856>



Skeppende Kunste:
Musiek

<https://wcedportal.co.za/eresource/86031>



Creative Arts:
Visual Art

<https://wcedportal.co.za/eresource/85871>



Skeppende Kunste:
Visuele Kuns

<https://wcedportal.co.za/eresource/86056>

Annexure B: Teaching and Assessment Plans 2020

Further Education and Training (Grade 10 – 12)

Bylae A: Onderrig- en Assesseringsplanne 2020

Verdere Onderwys en Opleiding (Graad 10 – 12)

Arts / Kunste



Dramatic Arts

<https://wcedportal.co.za/eresource/83956>



Dramatiese Kunste

<https://wcedportal.co.za/eresource/84146>



Dance Studies

<https://wcedportal.co.za/eresource/83946>



Dansstudies

<https://wcedportal.co.za/eresource/84136>



Design

<https://wcedportal.co.za/eresource/83966>



Ontwerp

<https://wcedportal.co.za/eresource/84356>



Visual Arts

<https://wcedportal.co.za/eresource/84256>



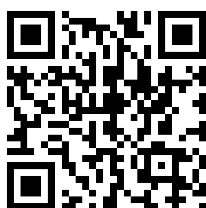
Visuele Kunste

<https://wcedportal.co.za/eresource/84221>



Music

<https://wcedportal.co.za/eresource/84051>



Musiek

<https://wcedportal.co.za/eresource/84206>

Agricultural Subjects / Landbouvakke



Agricultural Science

<https://wcedportal.co.za/eresource/83886>



Landbouwetenskappe

<https://wcedportal.co.za/eresource/84096>



Agricultural Management Practices

<https://wcedportal.co.za/eresource/83896>



Landboubestuurpraktjke

<https://wcedportal.co.za/eresource/84101>



Agricultural Technology

<https://wcedportal.co.za/eresource/84316>



Landboutegnologie

<https://wcedportal.co.za/eresource/84111>

Business, Commerce and Management Sciences / Besigheid, Handel en Bestuurswetenskappe



Accounting

<https://wcedportal.co.za/eresource/86206>



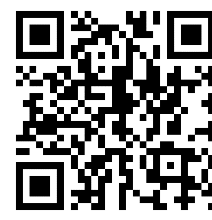
Rekeningkunde

<https://wcedportal.co.za/eresource/84081>



Business studies

<https://wcedportal.co.za/eresource/84261>



Besigheidstudies

<https://wcedportal.co.za/eresource/84106>



Economics

<https://wcedportal.co.za/eresource/83971>



Ekonomie

<https://wcedportal.co.za/eresource/84151>

Information Studies / Inligtingstudies



Information
Technology

<https://wcedportal.co.za/eresource/84006>



Inligtingstegnologie

<https://wcedportal.co.za/eresource/84186>



Computer Application
Technology

<https://wcedportal.co.za/eresource/83901>



Rekenaartoe toepassings-
tegnologie

<https://wcedportal.co.za/eresource/84116>

Languages /Tale



Afrikaans HT

<https://wcedportal.co.za/eresource/84086>



Afrikaans EAT

<https://wcedportal.co.za/eresource/84076>



Afrikaans TAT

<https://wcedportal.co.za/eresource/84091>



English HL

<https://wcedportal.co.za/eresource/84271>



English FAL

<https://wcedportal.co.za/eresource/84281>



Sesotho HL

<https://wcedportal.co.za/eresource/84061>



isiXhosa HL

<https://wcedportal.co.za/eresource/84246>



isiXhosa FAL

<https://wcedportal.co.za/eresource/84251>



isiXhosa SAL

<https://wcedportal.co.za/eresource/84011>

Mathematical Sciences / Wiskundige Wetenskappe



Mathematics

<https://wcedportal.co.za/eresource/84286>



Wiskunde

<https://wcedportal.co.za/eresource/84306>



Mathematical
Literacy

<https://wcedportal.co.za/eresource/84021>



Wiskundige
Geletterdheid

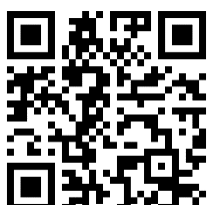
<https://wcedportal.co.za/eresource/84196>

Services Subjects / Dienste-Vakke



Consumer Studies

<https://wcedportal.co.za/eresource/83911>



Verbruikerstudies

<https://wcedportal.co.za/eresource/84121>



Hospitality studies

<https://wcedportal.co.za/eresource/84001>



Gasvryheidstudies

<https://wcedportal.co.za/eresource/84181>



Tourism

<https://wcedportal.co.za/eresource/84071>



Toerisme

<https://wcedportal.co.za/eresource/84231>

Sciences / Wetenskappe



Life Sciences

<https://wcedportal.co.za/eresource/84016>



Lewenswetenskappe

<https://wcedportal.co.za/eresource/84191>



Physical Sciences

<https://wcedportal.co.za/eresource/84056>



Fisiese Wetenskappe

<https://wcedportal.co.za/eresource/84216>

Social Sciences / Sosiale Wetenskappe



Geography

<https://wcedportal.co.za/eresource/83991>



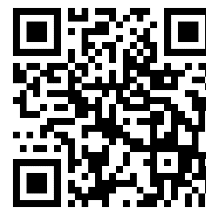
Geografie

<https://wcedportal.co.za/eresource/84171>



History

<https://wcedportal.co.za/eresource/83996>



Geskiedenis

<https://wcedportal.co.za/eresource/84176>



Life Orientation

<https://wcedportal.co.za/eresource/84026>



Lewensoriëntering

<https://wcedportal.co.za/eresource/84201>

Technical Subjects / Tegniese Vakke



Civil Technology (Civil Services)

<https://wcedportal.co.za/eresource/83936>



Siviele Tegnologie (Siviele Dienste)

<https://wcedportal.co.za/eresource/84131>



Civil Technology (Construction)

<https://wcedportal.co.za/eresource/83941>



Siviele Tegnologie (Konstruksie)

<https://wcedportal.co.za/eresource/84141>



Civil Technology (Woodworking)

<https://wcedportal.co.za/eresource/83916>



Siviele Tegnologie (Houtbewerking)

<https://wcedportal.co.za/eresource/84126>



Engineering Graphics and Design

<https://wcedportal.co.za/eresource/83981>



Ingenieursgrafika en Ontwerp

<https://wcedportal.co.za/eresource/84156>



Electrical Technology
(Electronics)
<https://wcedportal.co.za/eresource/84321>



Elektriese Tegnologie
(Elektronika)
<https://wcedportal.co.za/eresource/84161>



Electrical Technology
(Power Systems)
<https://wcedportal.co.za/eresource/84326>



Elektriese Tegnologie
(Elektries)
<https://wcedportal.co.za/eresource/84166>



Mechanical
Technology
(Automotive)
<https://wcedportal.co.za/eresource/84031>



Meganiese
Tegnologie (Motor)
<https://wcedportal.co.za/eresource/84236>



Mechanical
Technology (Fitting
and Machining)
<https://wcedportal.co.za/eresource/84036>



Meganiese
Tegnologie (Pas en
Masjienering)
<https://wcedportal.co.za/eresource/84241>



Mechanical
Technology (Welding
and Metal Work)
<https://wcedportal.co.za/eresource/84041>



Meganiese
Tegnologie (Sweis- en
Metaalwerk)
<https://wcedportal.co.za/eresource/84331>



Technical
Mathematics
<https://wcedportal.co.za/eresource/84066>



Tegniese Wiskunde
<https://wcedportal.co.za/eresource/84211>



Technical Sciences
<https://wcedportal.co.za/eresource/84341>



Tegniese
Wetenskappe
<https://wcedportal.co.za/eresource/84226>