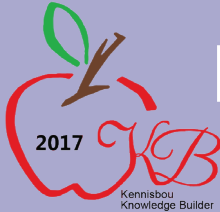




PROFESSIONELE ONTWIKKELING

PROFESSIONAL DEVELOPMENT

Insig 14 Insight 14
2016/12/06



KENNISBOU 2017 WÉÉS DIE VERSKIL

Suid-Afrika se swak internasionale Wiskunde en Wetenskap prestasie is, volgens, die media, steeds te wyte aan die leerders se onvermoë om met begrip te lees. Leerders sukkel om vrae te beantwoord waar baie inligting gelees moet word om probleme op te los.

SAOU bly jou nommer een vennoot in opleiding en bemagtiging. **KENNISBOU 2017** is **NOMMERPAS** om bogenoemde leemtes aan te spreek.

Wiskunde Graad 1-3

Die opleiding fokus op boustene en vaslegging, HOE onderrig ons Wiskunde in Grade 1-3. Innoverende, praktiese wenke en leiding aan Grondslagfase opvoeders.

Temas wat aangespreek word: Geld, Telaktiwiteite (Getalbegrip), Probleemoplossing, Hoofrekene, Vermenigvuldiging en Deling.

Wiskunde Graad 7-9

Daar word gefokus op die INHOUD van Wiskunde in die Senior Fase. Binne die bestaande temas van Getalbewerkings, Patrone en Funksies, Datahantering, Ruimte & Vorme en Meting word kernprobleme aangespreek.

'n MOET vir opvoeders wat ernstig is oor onderwys en Wiskunde.

Leesmetodiek Afrikaans Huistaal Graad 1-3

Hoe word aanvangslees onderrig?

Hoe word lees geassesseer en watter suksesvolle remediëringstrategieë kan toegepas word? Dié leeskursus fokus op metodiek, integrasie van lees, leesvaardighede en hantering van lees in die oorgang van Graad 3 na 4.

Rekeningkunde Graad 7-9

Die doel is om die vakkennis en metodiek van Rekeningkunde as deel van Ekonomiese en Bestuurwetenskappe te versterk en uit te brei. Die volgende onderwerpe sal hanteer word: Rekenkundige terme en begrippe, Kontant transaksies, Krediettransaksies, Kredietverkope, Terugsendings en ontvangstes van debiteure, Krediet aankope en terugsendings.

Fisiese Wetenskap Graad 10-12

Die fokus is op die uitbou en versterking van die vakinhoud van Fisiese Wetenskappe in die VOO fase. Die volgende hooftemas sal gedek word: Meganika, Elektriesiteit & Magnetisme asook Chemiese verandering.

Kennisbou
Knowledge Builder

BEPLAN VROEGTYDIG EN WEES DEEL VAN DIE OPLOSSING!

Venues:

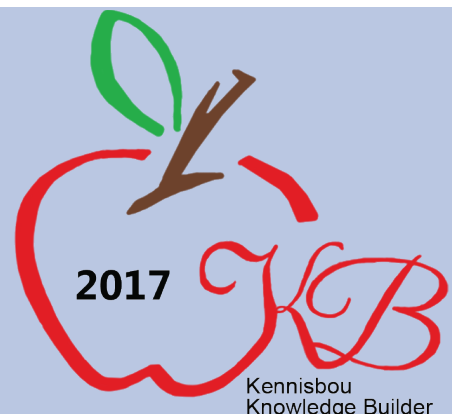
Pretoria: 3-6 Julie 2017

Bloemfontein: 17-20 Julie 2017

Port Elizabeth: 17-20 Julie 2017

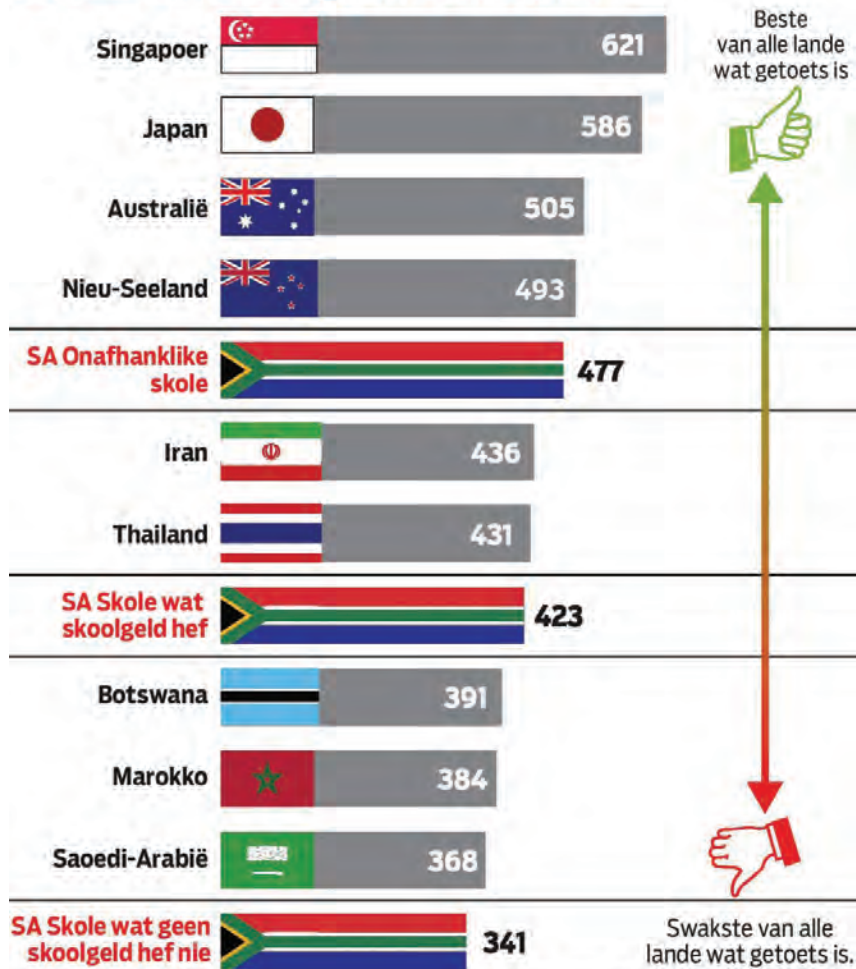
Moontlike kostes (Sal 2017 bevestig word)

R550 per persoon vir totale kursus



Kennisbou
Knowledge Builder

Só vaar SA leerlinge met wiskunde



Bron: TIMSS 2015

COBUS PRINSLOO, Grafika24

Die Timss-verslag wys dat 'n swak leesbegrip Suid-Afrikaanse leerlinge pootjie om wiskunde en wetenskap te doen, omdat hulle sukkel om vrae te beantwoord waar baie inligting verskaf word om die probleem op te los.

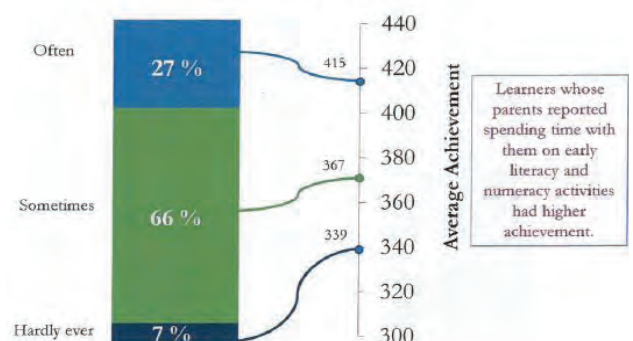
Die verslag dui ook daarop dat die meeste leerlinge steeds sukkel met basiese wiskundebegrippe wat in laer grade vasgelê moes word en beveel aan dat die Caps-kurrikulum in al twee vakke hersien word, sodat onderwysers meer tyd aan leertemas kan gee. "Die uitdaging lê steeds daarin om die gehalte van onderrig in die grondslagfase en intermediêre fase te verbeter," sê Van der Merwe.

Rapport 5/12/2016

Putting aside the assumption that the WEF ranking criteria is fundamentally faulted, locally, South Africa has its Annual National Assessment reports which was first published in 2011. It measures the ability of over 7.3 million pupils from grades one up to grade nine. The results capture levels of understanding in critical areas such as numeracy and literacy. This serves as a tool to help areas of education correct themselves and are often considered the premier way to measure the health of a basic education system. According to the recently released data, the following results were calculated for mathematics – Grade One – 68.4% Grade Two – 61.8% Grade Three – 55.4% Grade Four – 37.3% Grade Five – 37.3% Grade Six – 43% Grade Nine – 10.8% The average performance of ninth grade students dropped to 10.8% after enjoying a slight increase in 2013 from 2012 levels. There is no question as to whether this result is saddening most especially when only 3% of ninth grade students achieved a score of 50% or higher last year.

Read more: <http://buzzsouthafrica.com/south-africa-has-the-worst-maths-education-in-the-world/>

Home literacy and numeracy activities and achievement





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KNOWLEDGE BUILDER 2017 BE THE DIFFERENCE

South Africa's poor international mathematics and science achievement, according to the media, is still due to the lack of students' ability to understand what they are reading. Students are struggling to answer questions when a lot of information has to be read in order to solve the problem.

The SAOU remains your number one partner in training and empowerment. **KNOWLEDGE BUILDER 2017** is tailored to address these needs.

Mathematics Grades 1-3

This training focuses on building blocks and capturing of Maths principles, HOW we teach Maths in Grades 1-3. Innovative, practical tips and guidance will be given to the Foundation Phase teachers. Themes to be addressed: Money, Counting activities (Number concept), Problem solving, Mental Maths and Multiplication & Division.

Mathematics Grades 7-9

The focus is on CONTENT of Mathematics across the Senior Phase. Within the existing themes of Number Operations, Patterns and Functions, Data Handling, Space and Shapes and Measurement, the core issues are addressed.

A MUST for educators who are serious about Maths and Education.

Reading Methodology English Home Language Grade 1-3

How should introductory reading be initiated and taught? How are reading skills assessed and which

successful remedial strategies are applicable? This reading workshop will focus on the methodology of reading, integration of reading as a skill and facilitating the transition of reading activities from Grade 3 to 4.

Accounting Grades 7-9

The aim is to strengthen and expand knowledge and methodology of accounting as part of Economic and Management Sciences.

The following topics will be addressed:

Accounting terms and concepts, Cash transactions, Credit transactions, Credit sales, Returns and receipts from debtors, Credit purchases and returns.

Physical Sciences Grades 10-12

This focus is on the development and strengthening of subject content of Physical Science in the FET phase. The following topics will be covered:

Mechanics, Electricity & Magnetism and Chemical change.

Kennisbou
Knowledge Builder

PLAN EARLY AND BE PART OF THE SOLUTION!

Venues:

Pretoria: 3-6 July 2017
Bloemfontein: 17-20 July 2017
Port Elizabeth: 17-20 July 2017

Possible charges (Will 2017 be confirmed):

R550 per person for the course

