



SA Akademie vir Wetenskap en Kuns
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DIE VERANDERING IN ONDERWYS
THE CHANGE IN EDUCATION

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5 March 2019

TO THE PRINCIPAL AND SUBJECT HEADS: MATHEMATICS AND SCIENCE

Dear Principal and Subject Heads

MATHEMATICS-IN-ACTION 2019 and **SCIENCE-IN-ACTION 2019**

**Presented by the SA Akademie vir Wetenskap en Kuns
[The South African Academy for Science and Arts] (SAAWK)
in cooperation with the Suid-Afrikaanse Onderwysersunie
[South African Teachers Union] (SAOU)**

The abovementioned projects will be continued nationally in 2019. We hereby invite all primary schools to provide learners in Grades 6 and 7 an opportunity to participate in both Mathematics and Science.

We kindly request that you take note of the test dates: Maths paper on Monday 5 August 2019 and Science paper on Tuesday 6 August 2019.

The main aim with the project is to provide learners in Grades 6 and 7 with an opportunity to participate in both Mathematics and Science. This gives teachers the chance to utilise the content of previous year's exam papers in their teaching and to deal with the subject matter in a problem-solving manner. For previous question papers, go to www.akademie.co.za.

Prof. Marthie van der Walt of the NWU (Examiner) compiled didactic guidance on problem solving in Mathematics. We would like to send it to schools that have participated in 2018.

There are appreciation for the role played by principals and teachers to make it possible for schools to participate. The following link gives access to the report of the 2018 fun days for your perusal: http://www.akademie.ussdmobile.co.za/Verslag_Wi_We_2018.pdf

We trust that your school will be able participate. Please take note of the following arrangements:

- The **Mathematics-in-Action** and **Science-in-Action** for 2019 takes place nationally.

- Learners will write the papers at their school on the following dates:
 - **Maths paper on Monday 5 August 2019**
 - **Science paper on Tuesday 6 August 2019**
- The 30 learners who perform the best in each region, will be invited to attend an enriching Maths/Science Fun Day, presented at their closest university campus.
- The Fun Day takes place during **September and October 2019** in the different regions: Pretoria (UP); Johannesburg (UJ); Potchefstroom (NWU); Bloemfontein (UFS); Stellenbosch (US); Western Cape (UWC); Wellington (CPUT) and Port Elizabeth (NMU). More information will be provided at a later stage.
- Cash prizes for Maths and Science:
1st place: R750; **2nd place:** R500 and **3rd place:** R250 in each subject. The best grade 6-learner in each subject in each region who is not in the top 3, will receive R200.

Entries

- (1) All grade 6 and grade 7 learners are invited to participate.
- (2) Participants in grades 6 & 7 will write the same papers, for which no preparation is required and they all receive a certificate of participation.
- (3) A participation fee of **R50 per learner for Maths-in-Action and R50 for Science-in-Action.**
- (4) The papers will be written on the following days:
Maths on Monday 5 August 2019 from 14:00-15:15
Science on Tuesday 6 August 2019 from 14:00-15:15
- (5) The paper comprises of 40 multiple-choice questions and two or three short 'open' questions to be answered as well.
- (6) The entree forms for Maths and Science are included. Information regarding electronic entries will follow soon.
- (7) Please e-mail a once-off proof of payment for all the learners simultaneously to the office of the SA Akademie: akademie@akademie.co.za or nellie@akademie.co.za or fax to 012 001 8787 to reach us no later than **Friday 14 June 2019.**

More information follows.

Important dates:

Friday 14 June 2019:	Closing date and once-off proof of payment and entree Form must reach the office of the SA Akademie
Wednesday 24 July 2019:	Papers and multiple choice answer sheets will be sent to Schools by courier
Monday 5 August and Tuesday 6 August 2019:	Papers to be written at own schools
Wednesday 7 August 2019:	Answer sheets to be sent to the office of the SA Akademie by the subject head of the centre (via courier as arranged)
Monday 26 August 2019:	Results as well as the invitations to the Fun Days in September, will be sent to schools. Principals are kindly requested to inform applicable learners and their parents
September and October 2019:	Fun days (for top 30 Maths and Science learners in each region) in the different regions)

Important information:

- No preparation is required for the test.
- The test must be completed within one and a quarter (1¼) hour.
- The papers will consist of multiple-choice questions with at least 4 distractors.
- Short questions **must** also be answered by the learners.
- Instructions will be given to the supervisor in advance as well as to the learners on the day of the test.
- The use of calculators for Maths will be allowed.

Banking details of the SA Akademie:

Account holder: S.A. Akademie vir Wetenskap en Kuns – VAT reg. no.: 4910124256

ABSA, Brooklyn - Account. no.: 610 810 004

Branch code: 632 005 – Current account

Reference: Math/Sci & Name of your school: [Example: *Math/Sci Wonderboom*]

We trust that your school will participate and look forward to your entries.

Inquiries may be directed to Nellie Engelbrecht at nellie@akademie.co.za or tel. 086-133-3786.

Kind regards



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HENNIE DE WET (ORGANISER)



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Dr DIONĒ PRINSLOO
CEO: SA AKADEMIE



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CHRIS KLOPPER
CEO: SAOU