



South African Mathematics Olympiad

2018 ENTRY FORM

FIRST ROUND: 14 MARCH

CLOSING DATE FOR ENTRIES: 2 FEBRUARY

#SAMO2018



“You have to be odd to be number one”

Dr. Seuss



basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

THE THREE ROUNDS

First round, 14 March, 1 hour paper

The junior division consists of separate papers for grades 8 and 9 and the senior division of one paper for grades 10 to 12. Each paper consists of 20 questions with multiple-choice answers and learners have one hour to complete the paper. **Marking:** The teachers themselves mark the answers. Each school is provided with the solutions. This ensures immediate feedback.

Second round, 16 May, 14:00 - 16:00

Learners who attain 50% and higher in the first round qualify for the second round. There are separate papers for the junior and seniors. The grade 8 and 9 learners write the same paper. The learners have two hours to complete 25 questions. Learners who participate in the second round receive a certificate. **Marking:** The answers are marked by computer, in the SAMF office.

Third round, 26 July, 09:00 - 13:00

The 100 best senior and 100 best junior learners from the previous round qualify for the third round. There are separate papers for the juniors and seniors. Learners who participate in the third round receive a bronze medal and certificate. The best 10 learners per division receive their prizes at the annual award function.

Why should we enter?

- Mathematics competitions generate a lot of enthusiasm and curiosity for the subject.
- Learners will be exposed to problems that will test and improve their thinking, discovering, and validation of problem solving methods. In short, they will become better mathematicians.
- The Maths Olympiad is recognised as one of the best vehicles to identify the most talented learners in the country.
- Participation will result in a better quality of product from the schools and will put their learners in a position to reap higher achievement levels at university.
- The type of problems is similar to those used by Universities as part of their entry level testing and therefore especially the grade 12 learners will gain valuable experience.

Resources

- Working through old question papers is one of the best ways to prepare for the Olympiad.
- Past question papers and solutions are available on our website – www.samf.ac.za. Register as a user and log in to gain access to these resources.
- SAMF have a wide variety of publications, see the included order form.

REGISTRATION DETAILS

DATE AND TIME OF THE FIRST ROUND

The first round takes place on **14 March** at your school. The duration is one hour and a school can schedule its own time. First round parcels (consisting of the final instructions regarding round one, the question papers, answer sheets, solutions and certificates) will be mailed as soon as we have received your entry form.

CLOSING DATE, 2 FEBRUARY 2018

The last date to submit your entries is on the 2nd of February 2018. **ABSOLUTELY NO LATE ENTRIES WILL BE ACCEPTED.** Send your completed **ENTRY FORM AND PAYMENT/PROOF OF PAYMENT (we can only register your school if we receive both documents)** to:

The South African Mathematics Foundation
Private BagX173
Pretoria
0001

OR email both documents to info@samf.ac.za
OR fax it to **+27(0)12 392 9312**

ENTRY FEE (See last page for more details)

- E-mail entries at R22 per learner are available.
- South African schools at R32 per learner.
- South African schools with more than 100 entrants can enter at a reduced rate of R26 per learner.
- Quintile 1, 2 schools can enter up to 100 learners free of charge.
- Schools outside South Africa at R55 per learner. 1st round papers etc. will be emailed to schools, i.e. no hard copies will be posted.

SPONSORSHIP OF ENTRIES

If a learner or Quintile 3 school cannot afford the entry fee, a written request for sponsorship must be sent with the entry form. Not more than 100 sponsored entries per school are allowed.

CONTACT INFORMATION

South African Mathematics Foundation
Tel: +27(0)12 392 9324/16
E-mail: info@samf.ac.za
Website: www.samf.ac.za



ARE YOU AWARE OF THE SAMF AWARDS YOUR SCHOOL AND LEARNERS COULD BE IN LINE FOR?

AT THE NATIONAL AWARDS FUNCTION 22 SEPTEMBER:

FOR LEARNERS

- **Senior Overall Winner**
Gold medal, R 15 000, iPad
- **Junior Overall Winner**
Gold medal, R 7 500, iPad
- **Runners up Seniors**
Silver medal, R 5 000
- **Runners up Juniors**
Silver medal, R 3 000
- **Best performing female learner**
Best Senior and best Junior female learner (if not in top 10). Trophy, R 1 500
- **Best performing South African Black learner**
Best Senior and best Junior South African Black learner. Trophy, R 1 500
- **Best performing learner from outside SA**
Best Senior and best Junior learner from outside SA. Trophy, R 1 500
- **Best performing learner per Quintile**
Trophy, R 1 000. 3rd round participation is essential.

FOR SCHOOLS

- **Top participating school**
School with the highest % of total school enrolment participating
- **Top participating new school**
School entering for the 1st time with the highest % of total school enrolment participating
- **Best performing school overall**
A score is determined by considering the following number of participants: 2nd round, 3rd round & Top 10
- **Best MST school**
A score is determined by considering the following number of participants: 2nd round, 3rd round & Top 10
- **Best performing school per Quintile**
A score is determined by considering the following number of participants: 2nd round, 3rd round & Top 10

SENT TO SCHOOL:

FOR LEARNERS

- **Top 3 learners per province**
Based on 2nd round results. Provincial medal, certificate, cash prize.
- **Best performing learner per Quintile per province**
Based on 2nd round results. Provincial medal, certificate, cash prize.
- **Best performing learner from MST school**
Based on 2nd round results. Certificate, cash prize.
- **3rd round participation**
Bronze medal, certificate
- **2nd round participation certificate**
- **1st round participation certificate**

FOR SCHOOLS

- **Schools with substantial participation Certificate**
Based on the number of 1st round participants compared to the total number of learners in a school

Gold: 80% of school's total
Silver: 60% of school's total
Bronze: 50% of school's total
- **20 year participation Certificate**
Awarded to a school that participated for 20 years
- **Best performing school per Quintile per province Certificate**
A score is determined based on 2nd round results
- **10 year participation Certificate**
Awarded to a school that participated for 10 years
- **New school Certificate**
A school entering for the first time

ENTRY FORM

Quintile:	1		2		3		4		5	
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School:
Postal Address:
Street Address:
Province/Country:
School's Telephone:
School's Fax:
School's E-mail:
Olympiad manager:
Cell number:
E-mail:

PAYMENT DETAILS:

THIS ENTRY FORM SERVES AS A TAX INVOICE

Please complete the section below:

	No. of learners	Total (incl 14% VAT)	Total amount
South African schools entrants by email (i.e. we email the papers etc. and you have to make copies)		@ R22 per learner	
South African schools with >100 entrants		@ R26 per learner	
South African schools with ≤100 entrants		@ R32 per learner	
Quintile 1 & 2 schools with ≤100 entrants		Free of charge	
Entrants from countries outside SA (only by e-mail)		@ R55 per learner	
Total No. of learners		Total Amount	

Schools from other countries must please exchange their foreign currency to South African Rand. Payments in foreign currency will not be accepted.

Please indicate:

1. Total number of learners in the school:			
2. Choose 1 of the three options:		3. Indicate your school's location:	
<input type="checkbox"/>	Public School	<input type="checkbox"/>	Rural
<input type="checkbox"/>	Independent school	<input type="checkbox"/>	Township
<input type="checkbox"/>	Home school	<input type="checkbox"/>	Urban
4. Is your school part of the MST Grant project:		6. Please send first round certificates	
<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
<input type="checkbox"/>	No	<input type="checkbox"/>	Yes
5. Has the school entered before?		7. Number of certificates:	
<input type="checkbox"/>	Yes		
<input type="checkbox"/>	No		
<input type="checkbox"/>	Not sure		

STATISTICS: FIRST ROUND PARTICIPANTS

Please complete the following required information for reporting purposes. (Names of learners are not required.)

	Seniors				Juniors		
Grade	10	11	12	TOTAL	8	9	TOTAL
Asian							
Black							
Coloured							
White							
TOTALS							
Male							
Female							

METHOD OF PAYMENT

<input type="checkbox"/>	Cheque
<input type="checkbox"/>	Direct payment
<input type="checkbox"/>	Electronic transfer
<input type="checkbox"/>	None (Quintile 1/ 2, or MST paid by Provincial Department)
<input type="checkbox"/>	Sponsorship (see p.2 for info)

Entries without the correct entry fee or without proof of payment will be rejected. No refunds will be given for rejected, late or cancelled entries. It is each teacher's responsibility to ensure that entry forms AND payments are submitted on time. No postal orders will be accepted.

PAYMENTS

VAT no: 452 026 3569

Cheques must be made payable to the SAMF.

Direct payments or electronic transfers can be made to:
SAMF – ABSA Bank
Branch: Hatfield
Account No.: 406 103 7913
Branch code: 632-005

If you choose this payment option, it is important that you submit your school's name as reference.

FOR OFFICE USE ONLY:

Payment date									
Question papers	Jnr		Snr		Email		Certificates		Instructions
Solutions	Jnr		Snr		Email		2nd round registration form		Confirmation letter
Answer sheets	Jnr		Snr		Email		Parcel checked by		