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Enquiries: AJ Lamprecht

Curriculum GET Minute: DCG 0008/2019

To: Deputy Directors-General, Chief Directors, Directors, Heads: Curriculum Support, Heads: Management and Governance, Circuit Managers, Deputy Chief Education Specialists, GET Coordinators, Intermediate Phase Subject Advisers, Senior Phase Subject Advisers and Principals of all ordinary and independent schools

Subject: South African Mathematics Challenge Grades 4–7

1. The **South African Mathematics Challenge** is a Mathematics opportunity for learners in Grades 4 to 7. It was previously known as the AMESA Mathematics Challenge. The Mathematics Challenge seeks to build the quality of Mathematics teaching and learning by providing upper primary school learners with interesting problems at their own grade level.
2. The Mathematical Challenge aims to:
 - popularise Mathematics;
 - promote problem solving in Mathematics education;
 - promote a perspective that mathematical activity is more than just calculating;
 - emphasise the importance of reading during mathematical activities;
 - disseminate materials that contribute to meaningful mathematical activities in classrooms;
 - provide a diagnostic tool to enable teachers to identify learners' misconceptions.
3. The Mathematics Challenge is not merely about competing, but rather aims to expose learners to challenging mathematical problems. The questions in the Mathematics Challenge are designed to develop understanding, applying knowledge in new situations, communication and general mathematical thinking.
4. There are two ways in which to participate:
 - Stronger learners may prefer to participate as individuals (singles).
 - Other learners may prefer to work in pairs (doubles).

5. The 2019 Mathematics Challenge will have **three rounds this year**:
 - First round: 13–17 May 2019
 - Second round: 18 July 2019
 - Final round: 12 September 2019 (still to be confirmed).
6. Separate papers will be set for Grades 4, 5, 6 and 7. Each paper is one hour long and consists of 20 multiple-choice questions.
7. We recommend that schools give learners the opportunity to engage with previous years' papers, so that they can select and enter those learners who responded successfully to the type of questions and calculations from previous years' papers.
8. Entries for the Mathematics Challenge are already open. Schools who wish to enter, should register with the South African Mathematics Foundation (SAMF), with payment, by using **Annexure A**. The district/circuit organiser should be copied in on all correspondence to the SAMF. The names and contact details of the district/circuit organisers are provided in **Annexure B. The closing date for entries is 10 May 2019.**
9. Papers for the first round will be distributed by district/circuit organisers via e-mail, and schools need to make copies for their participating learners.
10. The first round will be written at schools. Learners can take part as individuals, as well as in pairs. Teachers may mark the answers or it may be marked during an open class discussion by learners. The memorandum will be provided by the SAMF.
11. The second round is only for learners who achieved 50% or more in the first round and will be conducted at central venues in the different regions. Learners who wrote **in pairs will have to enter as individuals for the second round.**
12. Participating schools must send the first round's statistics and results to the district/circuit organiser and the SAMF on the registration form provided (Annexure A). The district/circuit organiser and the SAMF will liaise with schools regarding the logistics for the final round. The SAMF will duplicate the papers and courier it to the venues indicated for the second round.
13. The Mathematics Challenge recognises achievement and awards the following certificates:
 - Gold certificate: All learners scoring more than 80% in the final round
 - Silver certificate: All learners scoring between 60% and 79% in the final round
 - Bronze certificate: All learners scoring between 50% and 60% in the final round.
14. Each region may organise an award ceremony at a local school in the region.
15. The Western Cape Education Department (WCED) will cover the entry fees for learners who **qualify for the final round**. Schools need to pay the entry fees directly to the SAMF

upon registration. The SAMF will reimburse schools' entry fees after receiving payment from the WCED.

16. Over 110 000 learners from about 450 schools participate in the Mathematics Challenge every year. For more information and past papers with memoranda, schools can register online as a user. Access the following link: <http://www.amesa.org.za/Challenge/Links.htm>, and go to "South African Mathematics Challenge Homepage – AMESA".
17. Principals are kindly requested to bring this minute to the attention of all Mathematics teachers.

SIGNED: PAD BEETS

DEPUTY DIRECTOR-GENERAL: CURRICULUM AND ASSESSMENT MANAGEMENT

DATE: 2019-05-05



ANNEXURE A

2019 ENTRY FORM

Grades 4 to 7

Closing date: 10 May 2019

First round: 13–17 May 2019

For SAMF office use only

SCHOOL'S CODE NUMBER:

School name:		
Postal address:		
Postal code:		
Street address:		
Street code:		
Email of school:		
Tel.:	Cell:	Fax:
Province:		
Nearest town:		
Name of the region:		
Name of the district municipality:		
Contact name of the teacher:		
Cellphone of the teacher:		
Email of the teacher:		

Please tick the appropriate boxes (√).

Public schools please specify quintile:

Quintile	1		2		3		4		5	
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1. Total number of learners in the school			
2. Choose one of the three options:		3. Indicate your school's location:	
	Public school		Rural
	Independent school		Township
	Home school		Urban
4. Is your school part of the MST grant project?			Yes
			No
			Yes
			No
5. Has the school entered before?			Not sure

STATISTICS: FIRST ROUND PARTICIPANTS				
The following information is required for reporting purposes:				
RACE	GRADES			
	4	5	6	7
African				
Asian				
Coloured				
White				
TOTALS				
Male				
Female				

PAYMENT DETAILS: The entry form serves as a tax invoice				
VAT no.: 452 026 3569				
Please complete the section below:				
	No. of learners	Fee (Incl. 15% VAT)	Total	Method of payment
South African schools with ≤ 100 entrants		@R20 per learner	R	Direct payments or electronic transfers can be made to: SAMF ABSA Bank Branch: Hatfield Account No.: 406 103 7913 Branch code: 632005 NB: Use your school's name as reference.
South African schools with > 100 entrants		@R15 per learner	R	
Quintile 1 & 2 schools with ≤ 100 entrants		Free of charge	R	
Entrants from countries outside South Africa		@R40 per learner	R	
MST schools		R15 by Provincial Department	R	Paid by Provincial Education Department if arranged
Sponsorship (Not more than 100)		Submit written request		Submit written request
Total no. of learners		Total amount		

NB: 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 or cheques will be accepted.



ANNEXURE B

METRO NORTH EDUCATION DISTRICT				
Coordinating SA Leon Roode	Circuits and areas/regions	Coordinating teacher	School details	Contact details
	1-5	D Johannes	El Shaddai Christian School PO Box 1980 Durbanville 7551 Lords Walk Durbanville	Tel: 021 975 1980 Fax: 012 975 1985 Email: djohannes@escs.org.za
	6-10	L Roode	Timmermann Street Parow	Tel: 021 938 3022 Cell: 082 871 2228 Fax: 086 527 7255 Email: Leon.Roode@westerncape.gov.za

METRO CENTRAL EDUCATION DISTRICT			
Circuits and areas/regions	Coordinating teacher	School details	Contact details
Circuit 1 Cape Town and surrounds	F Saville	Prestwich Street PS Prestwich Street Cape Town 8001	Tel: 021 419 1647 Email: admin@prestwichstreetps.wcape.school.za
Circuit 1 Gugulethu	D Michaels	Vukukhanye PS PO Box 91 Gugulethu 7751	Tel: 021 633 2131 Email: damianmichaels3@gmail.com
Circuit 1 Cape Town and surrounds	L Hanekom	Jan van Riebeeck PS 52 Kloof Street Gardens 8001	Tel: 021 423 4209 Email: maryna@jvrprim.co.za ; leonhanekom
Circuit 2 Gugulethu	V Vinqi	Intshinga PS PO Box 244 Gugulethu 7751	Tel: 021 637 0060 Email: admin@intshingaps.wcape.school.za
Circuit 2 Cape Town	D May	Zonnebloem Boys PS Cambridge Street 8001	Tel: 021 465 4260 Email: zonnebloemps@gmail.com ; DeonMay@gmail.com
Circuit 3 Bonteheuwel	C Lekay	Bramble Way PS Bramble Way Bonteheuwel 7764	Tel: 021 694 4379 Email: admin@bramblewayps.wcape.school.za
Circuit 3 Manenberg	S Daniels	Silverstream PS PO Box 41	Tel: 021 637 4460 Email: danielssamir@gmail.com

		Manenberg 7764	
Circuit 4 Claremont and surrounds	W Ceres	Rosmead Central PS 8 Rosmead Avenue Claremont 7700	Tel: 021 671 6502 Email: wagiedceres7@gmail.com
Circuit 4 Hazendal	W Rossiter	Hazendal PS 12 Herbrand Street Hazendal 7764	Tel: 021 696 9806 Email: warren.rossiter@gmail.com ; hazendal.primary@hotmail.co.za
Circuit 5 Manenberg	MA Karriem	Talfalah PS King Street Sherwood Park	Tel: 021 691 0352 Email: admin@talfalahprimary.co.za
Circuit 6 Bonteheuwel	G Engel	Arcadia PS 86A Jupiter Street Bonteheuwel 7764	Tel: 021 694 4661 Email: admin@arcadiaps.wcape.school.za ; Arcadia.juniper07@gmail.com ; grizeldaeng1@gmail.com
Circuit 6 Kensington	R Ross	HJ Kroneberg Junior S. Cnr 8 th Avenue & Nyman Street Maitland East 7405	Tel: 021 593 3859 Email: hjkronebergps@gmail.com
Circuit 6 Hanover Park	R Smith	Newfields PS Andrew Road Newfields Estate Athlone 7764	Tel: 021 692 1386 Email: admin@newfieldsps.wcape.school.za
Circuit 7 Athlone and surrounds	C Weber	Silverlea PS Zinnia Road Silvertown Athlone 7764	Tel: 021 637 6777 Email: admin@silverleaps.wcape.school.za silverleaps@telkomsa.net
Circuit 8 Langa	MM Guzana	Siyabulela PS PO Box 291 Langa	Cell: 084 612 3615 Email: admin@siyabulela.wcape.school.za
Circuit 8 Penlyn Estate to Lansdowne	L Kube	Turfhall PS Penlyn Avenue Penlyn Estate 7780	Tel: 021 691 9922 Email: lynettekube@gmail.com
Circuit 9 Sunnyside and surrounds	S Leaner	Sunnyside PS St Frusquin Road Athlone 7764	Tel: 021 696 5106 Email: samantha.leaner@gmail.com
Circuit 10 Rondebosch and surrounds	S Anstey	Rondebosch Boys Prep. 78 Campground Road Rondebosch 7700	Tel: 021 686 4635 Email: sanstey@rondebosch.com
Circuit 10 Salt River and surrounds	A Louw	St Agnes RC PS PO Box 451	Tel: 021 447 2839 Email: admin@stagnesps.wcape.school.za

		Salt River 7924	
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METRO SOUTH EDUCATION DISTRICT				
Coordinating SA Jo-Anne van der Merwe Tyrone	Circuits and areas/regions	Coordinating teacher	School details	Contact details
	All	M Rushby	Sweet Valley PS 100 Dreyersdal Road Bergvliet 7945	Tel: 021 712 3081 Cell: 074 101 7087 Email: deputy@sweetvalleyprimary.co.za

METRO EAST EDUCATION DISTRICT				
Coordinating SA Leonard Africa	Circuits and areas/regions	Coordinating teacher	School details	Contact details
	Metro East Education District	L Africa	Cnr Belhar & Nooiensfontein Rd 7580 Kuils River	Tel: 021 900 7052 Cell: 060 505 5338 Leonard.Africa@westerncape.gov.za
	Bellville	N Gibson	Labiance PS 37 Alliance St Labiance 7530	Tel: 021 949 9740 Cell: 082 048 1653 Email: ngibson@labiance.co.za
	Blue Downns/Eerste River	V Snell	Beverley Park PS Flambojant Rd Beverly Park	Tel: 021 904 1780 Cell: 082 732 6500 Email: valda.snell@gmail.com
	Khayelitsha	L Mdingi	Intshayelelo PS 107 Sinqolamthi St Village 1 South Cape Town 7784	Tel: 021 361 0182 Cell: 082 729 1268 Email: lungiswamdingi@ymail.com
	Kuils River	A Carolissen	Rouxville PS Cnr Belhar & Nooiensfontein Rd Kuils River 7580	Tel: 21 900 9901 Cell: 079 913 8160 avrilcarolissen@gmail.com
	Macassar	D Williams	Macassar Primary PO Box 114 Macassar 7134 7134	Tel: 021 857 2400 Cell: 074 365 9114 Email: desireewilliams525@gmail.com
	Somerset/Helder- berg	T Fanie	Dr GJ Joubert 41 Mydrecht St Strand 7139	Tel: 021 853 7422 Cell: 072 250 9774 Email: fanietauhira@yahoo.com
	Wesbank	Y Adams	Hoofweg PS 27 Wydgelee Cres, Diepwater 7580	Tel: 021 955 0777 Cell: 073 583 9823 Email: adamsoyoland006@gmail.com

WEST COAST EDUCATION DISTRICT				
Coor dinati	Circuits and areas/regions	Coordinating teacher	School details	Contact details
	Circuit 1	M-J Phillips	St Thomas PS	Tel: 022 486 4840

			PO Box 1082 Malmesbury 7299 Gardenia Ave Malmesbury 7300	Fax: 022 486 4840 Cell: 072 524 8517
	Circuit 2	A Nieuwoudt	Piketberg HS Acasia Street Piketberg 7320	Tel: 022 913 1134 Fax: 022 913 1453 Cell: 082 780 7869
	Circuit 3	E Fortuin	Diazville PS Galjoen Stret, Diazville Saldanha 7395	Tel: 022 714 1645 Fax: 022 176 61642 Mobile: 079 507 3714
	Circuit 4	B van Zyl	Sederberg PS Ou Kaapse Road Clanwilliam 8135	Tel: 027 482 1014 Fax: 027 482 2760
	Circuit 5	L Smit	Vredendal PS School Street Vredendal 8160	Tel: 027 213 3016 Fax: 027 213 5150 Cell: 083 304 0996

CAPE WINELANDS EDUCATION DISTRICT					
Coordinating SA	W George	Circuits and areas/regions	Coordinating teacher	School details	Contact details
		De Doorns/ Worcester	G Fritz	Orchard PS PO Box 11 Orchard 6870 Sunnyside Orchard	Cell: 083 550 4475 Email: orchard.prim@wcgschools.gov.za gertfritz1970@gmail.com
	Tulbagh/ Wolseley/ Ceres	W Fredericks	Twee Jonge Gezellen PO Box 116 Twee Jonge Gezellen Estate Tulbagh 6820	Cell: 083 534 7144 Email: winstonfredericks3@gmail.com	
	D Mackier	Wellington	T van der Vyver	HMS Paarl PO Box 50 High Street 7620	Cell: 084 352 5650 Email: tvandervyver@paarlgirlshigh.com
		Paarl	F Julies	Bergendal PS PO Box 514 Suider-Paarl 7624	Cell: 072 628 7870 Email: fjulies0936@gmail.com
		Stellenbosch	S Hendricks	Pieter Langeveldt PS Lang Street Cloetesville Stellenbosch 7600	Cell: 082 474 6947 Email: selvynh@gmail.com
	W George	Robertson/ Montagu Ashton/ Bonnievale	M Barnard	Ashton Laerskool George Street Ashton 6715	Tel: 023 615 1270 Email: postmast@ashtonps.wcape.school.za ashton.prim@wcgschools.gov.za

OVERBERG EDUCATION DISTRICT				
Coordinating SA Basil Sakoor	Circuits and areas/regions	Coordinating teacher	School details	Contact details
	Circuit 1 Swellendam	L Adams	Suurbraak PS School Street Suurbraak 6743	Tel: 028 522 1826 Fax: 028 5221 945 Email: admin@suurbraakps.wcape.school.za
	Circuit 1 Swellendam	V Treu	Suurbraak PS School Street Suurbraak 6743	Tel: 028 522 1826 Fax: 028 5221 945 Email: admin@suurbraakps.wcape.school.za
	Circuit 1 Swellendam	J Lourenz	Bontebok PS Reisiebaan Street Swellendam 6740	Tel: 028 514 2033 Fax: 028 514 3386 E-mail: admin@bontebok.wcape.school.za
	Circuit 1 Barrydale	S Weichelt	BF Oosthuizen PS 1 Tinley Street Barrydale 6750	Tel: 028 572 1275 Fax: 028 572 1376 E-mail: admin@bfoosthuizen.wcape.school.za
	Circuit 1 Bredasdorp	M Smith	De Heide PS Rekreasie Street Bredasdorp 7280	Tel: 028 424 1230 Fax: 028 424 2322 Email: deheide@telkomsa.net
	Circuit 1 Bredasdorp	C Roman	Struisbaai PS 5 th Avenue Struisbaai North 7285	Tel: 028 435 6062 Fax: 028 435 606 Email: admin@struisbaai.wcape.school.za
	Circuit 2 Grabouw	J Wentzel	Kathleen Murray PS Wyngaard Street Pineview 7160	Tel: 021 859 3600 Fax: 021 859 5720 Email: admin@kathmurps.wcape.school.za
	Circuit 2 Hermanus	L Smit	Hermanus PS PO Box 90 Hermanus 7200	Tel: 028 312 3670 Fax: 028 312 3711 Email: blot@hermanusprimary.org.za
	Circuit 3 Genadendal	C Benjamin	LR Schmidt PS George Schmidt Avenue Genadendal 7234	Tel: 028 251 8207 Fax: 028 251 8759 Email: admin@lrschmidt.wcape.school.za
	Circuit 3 Riviersonderend	J Nel	Riviersonderend PS 27 Price Street Riviersonderend 7250	Tel: 028 261 1390 Fax: 086 557 5440 Email: admin@riviersondps.wcape.school.za
	Circuit 3 Villiersdorp	T Mercur	Kosie de Wet PS 241 Buitenkant Street	Tel: 028 840 1475 Fax: 028 840 1466

			Villiersdorp 6848	Email: kosiedewetprimaryschool@gmail.com
	Circuit 3 Villiersdorp	S Steenkamp	Bissetsdrieff PS Lingenveldershoop Vyeboom 6848	Tel: 028 050 0629 Fax: 028 841 4934 E-mail: bissetsdrieffps@gmail.com
	Circuit 3 Caledon	B Fisher	Swartberg PS 1 5 th Avenue Bergsig 7230	Tel: 028 212 1927 Fax: 028 214 1478 Email: swartbergps@overnet.co.za

EDEN AND CENTRAL KAROO EDUCATION DISTRICT				
	Circuits and areas/regions	Coordinating teacher	School details	Contact details
Coordinating SA Bertus Basson	Circuit 1 Riversdal	F Marais	LS Volschenk PO Box 477 Riversdal 6670	Tel: 028 713 1064 Fax: 028 713 3840 Cell: 083 660 5662 Email: marais.faffa@gmail.com
	Circuit 2 Mosselbay	L Wesso	Ridgeview PS PO Box 841 Mosselbay 6501	Tel: 044 693 0030 Fax: 044 693 3545 Cell: 071 467 4535 Email: lwesso01@gmail.com
	Circuit 3 George	S Hattingh	LS George Suid PO Box 406 George 6530	Tel: 044 873 3464 Fax: 044 873 2704 Cell: 082 574 4881 Email: shattingh@lgs.co.za
	Circuit 4 Knysna	N Saayman	Sunridge PS PO Box 1410 Knysna 6570	Tel: 044 385 1698 Fax: 044 385 1827 Cell: 082 622 2074 Email: nerishasaayman21@gmail.com
	Circuit 5 Oudtshoorn	L Swart	LS Wesbank PO Box 301 Oudtshoorn 6620	Tel: 044 279 1731 Fax: 044 272 0474 Cell: 081 270 4027 Email: lswart@wesbank.wcape.school.za
	Circuit 6 Oudtshoorn	L Swart	LS Wesbank PO Box 301 Oudtshoorn 6620	Tel: 044 279 1731 Fax: 044 272 0474 Cell: 081 270 4027 Email: lswart@wesbank.wcape.school.za
	Circuit 7 Beaufort West	J Vermeulen	LS Niko Brummer PO Box 286 Beaufort West 6970	Tel: 023 414 2507 Fax: 023 414 3534 Cell: 079 490 9116 Email: meulenaar@telkomsa.net
	Circuit 8 George	S Hattingh	LS George Suid PO Box 406 George 6530	Tel: 044 873 3464 Fax: 044 873 2704 Cell: 082 574 4881 Email: shattingh@lgs.co.za