

THE 48TH NATIONAL SCIENCE Olympiad Results 2012



National Research
Foundation



South African Agency for Science
and Technology Advancement



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1. FOREWORD BY THE MANAGING DIRECTOR: SAASTA

Since the dawn of South Africa's new democracy in 1994, there has been a push toward a nation that values democracy and **education**. Hannah Arendt, an educationist once said: *"Education is the point at which we decide whether we love the world enough to assume responsibility for it and by the same token save it from that ruin which, except for renewal, except for the coming of the new and young, would be inevitable. And education, too, is where we decided whether we love our children enough not to expel them from our world and leave them to their own device, nor to strike from their hands their chance of making something new, something unforeseen by us, but to prepare them in advance for the task of renewing a common world"*.

Our government is taking education seriously, especially in the critical areas of science, engineering and technology (SET). This is evident from a number of government strategies and policies that have been put in place over the past 18 years. The establishment of the Department of Science and Technology and government agencies like the National Research Foundation (NRF); the South African Space Agency (SANSA) and also the approval of policies/strategies by government such as Human Resource Capacity Development, the National Strategy for Mathematics Science and Technology Education (DBE); and the Youth into Science Strategy (DST), to name just a few.

The greatest challenge that we now face as a nation is to ensure that these policies and strategies are implemented effectively and efficiently to enable South Africa to participate in a globalised economy. The National Research Foundation (NRF), and in particular its agency the South African Agency for Science and Technology Advancement (SAASTA), is well positioned to play this key strategic role. Central to the achievement of this dream is to build a firm foundation in the new generation. South Africa should invest in human capital development that will drive the knowledge economy.

At SAASTA we strongly believe that South Africa has the potential to become a rich source of scientific expertise; but this can only be achieved if the system is fed with a healthy supply of learners and students who have a passion for SET and the will to excel. Through SAASTA, talent is identified, nurtured and inspired to further their studies in SET and thus increase the SET human capital in the country which will ultimately contribute towards the generation of knowledge.

To sustain our goal of high human capital development a number of strategies are in place, including the targeting of learners and educators at school level, as well as undergraduate and postgraduate students at higher education institutions. To enable us to achieve our mandate, SAASTA's work is not only limited to the school and higher education sector, but also translates to the broader public. This two-pronged approach will definitely in the short, medium and long term enable us to strategically advance public awareness and appreciation of SET and thus put the world of science in the hands of the society.

SAASTA's mandate is central to former President Mandela's legacy and the emphasis he placed on education when he said, "Education is the great engine to personal development". To enable us to deliver on our mandate, we work closely with government, science councils, higher education institutions, the business sector and others. I wish thank Harmony Gold Mining Company Limited for their generous contribution as main sponsor of the National Science Olympiads over the past four years. The impact of your investment towards educating and empowering South African children during these tough economic times should be applauded.

Our vision is to make South Africa self-sufficient in the critical areas of SET. We therefore have confidence to call upon all stakeholders, government departments and the business sector to join us in inspiring our youth about their future world. There are millions of gifted and talented young people yearning for opportunities to study and capable of becoming our future cohort of innovators, scientists, researchers and engineers. If we cannot empower them to obtain the requisite skills for full participation in the economy of this country, we are facing a bleak future indeed and our quest to be globally economically competitive will remain just a dream.

As we celebrate the opportunity given to South Africa by the international community to host the greater part of the SKA radio telescope – one of the biggest international scientific projects ever - one cannot help but reflect on what this means for South Africa and our youth in particular. Identifying and nurturing talent in SET will definitely be a national priority. As much as we are grateful to be the proud hosts of a large percentage of the SKA, we also need to ensure that our people are prepared and skilled to play an active role in astronomy and space science.

The words of wisdom by RJ Sternberg, an IBM Professor of Psychology and Education and Director at Yale University (2001) regarding our miracle transition to a democratic South Africa creates a springboard for us to reflect on what needs to be done in honour of those individuals who made it possible for us to be a free nation.

"In recent years, South Africa has given to the world history a unique legacy. This legacy is the abolition of apartheid and the transition to world-class democracy led by Nelson Mandela."

I think it is now time for South Africa to give to the world history a unique legacy in science, engineering and technology.

SAASTA is grateful to all those who joined us in making the 48th National Science Olympiad a success in 2011. It is impossible to acknowledge adequately all the people/organisations who have been supportive and influential in accomplishing this task, however, I wish to express my sincere gratitude and appreciation to the following organisations and individuals:

- Harmony Gold Mining Company (Pty) Limited for its generous sponsorship;
- The Department of Science and Technology (DST) for its support and making it possible for us to reach more learners, especially in rural areas and disadvantaged communities;
- The Department of Basic Education (national; provincial, district, circuit and school levels) for its continuous support;
- Principals, Physical Science and Life Science educators for encouraging learners to participate;
- Examiners and moderators of the National Science Olympiad for their outstanding work;
- The over 23 000 learners who participated; and
- To all the SAASTA staff, in particular the Science Education Unit for their hard-work and dedication.

I believe we are making a meaningful contributions towards promoting the science of today for the world of tomorrow through the National Science Olympiad and that we cannot succeed in this venture without the critical partnerships and collaborations we have forged through the years.



Dr Jabulani Nukeri

Managing Director: NRF/SAASTA

2. ABOUT THE NATIONAL RESEARCH FOUNDATION (NRF)

The NRF was established through the National Research Foundation Act ([Act No 23 of 1998](#)). The objective of the National Research Foundation (NRF) is to support and promote research through funding, human capacity development and the provision of the necessary research facilities, in order to facilitate the creation of knowledge, innovation and development in all fields of the natural and social sciences, humanities and technology, including indigenous knowledge systems.

In order to enable the NRF to deliver on its mandate, the organisation has three main functions: to support research and innovation through its agency, Research and Innovation Support and Advancement (RISA); to encourage an interest in science and technology through its business unit, the South African Agency for Science and Technology Advancement (SAASTA); and to facilitate high-end research through its National Facilities.

3. NATIONAL SCIENCE OLYMPIAD PROGRAMME

3.1 PROGRAMME BRIEF

Science Olympiads are used internationally as a means of promoting science and excellence in science. SAASTA's Science Olympiad not only contributes towards excellence in science, but has huge potential in expanding participation levels of previously excluded groups and simultaneously building the capability in the sciences.

SAASTA's National Science Olympiad is a project that was started in 1964, initially for grade 12 learners with the objective of promoting science. Now in its 48th year, the competition continues to be one of SAASTA's flagship projects. Since 2005, the project has been offering learners in grades 10 – 12 an exciting opportunity to compete and interact in the science arena with fellow learners from all the nine provinces of South Africa, SADC countries such as Lesotho, Namibia and Zimbabwe and also their counterparts from Australia.

The competition comprises an annual examination in science, and top learners and schools compete for over 30 prizes. The top national performers in different categories stand a chance to win an all-expenses paid trip to the London International Youth Science Forum.

The Olympiad currently comprises two papersstreams: Physical Science (Physics & Chemistry) and Life Science (Biology). Learners can choose to write either the Physical Science or Life Science paper.

The main aim of the competition is to encourage excellence in science education, yet also to stimulate interest in the sciences. It further seeks to inspire young people to consider careers in science, engineering and technology.

To ensure that talent in SET is identified and nurtured, a group of 120 learners who excelled or demonstrated potential in the Olympiad examination are traditionally invited to participate in a Science Focus Week during the July school holidays. The activities consist of stimulating lectures, excursions, industry visits and other fun events. This week culminates in a high profile Award Giving Ceremony where prizes are given to deserving learners and schools.

3.2 MILESTONES

Over the years, a number of milestones were achieved through the National Science Olympiad, in particular:

3.2.1 A major four-year sponsorship was secured from Harmony Gold Mining Company Limited. The Department of Science and Technology (DST) also provided funding to increase participation of Dinaledi Schools; and

3.2.2. Increased participation of learners in the National Science Olympiad during the past 46 years as indicated below:

Year	LEARNER PARTICIPATION									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Participants	9 117	9 614	13 971	17 538	15 538	19 438	20 364	20 833	24 624	22 2456

The increase was among other due to:

- Our aggressive marketing strategy that enabled us to reach more learners in rural areas;
- Sponsorship from Harmony Gold Mining Company Limited;
- Collaboration and financial support from the Department of Science and Technology (DST); and
- Our collaborations with the Department of Basic Education at provincial level through the Mathematics, Science and Technology (MST) provincial coordinators.

4. NATIONAL SCIENCE OLYMPIAD PRIZES/AWARDS: 2012

In 2012, over 30 prizes/awards are being given to deserving schools and learners in different categories. Some of the main categories are:

4.1. SCHOOLS

- Highest participation: Dinaledi Schools
- Highest Participation: Harmony Schools
- Highest Participation: Nationally
- Top Performance: Nationally
- Top Performance: Dinaledi Schools
- Top Performance: SADC countries (excluding South Africa)

4.2. LEARNERS

- Top five national learners per stream/paper (Physical Science and Life Science)
- Top girl learner nationally per stream/paper
- Top girl learner from disadvantaged school per stream/paper
- Top learner from disadvantaged school per stream/paper
- Top learners from SADC countries (excluding South Africa) per stream/paper
- Learners to attend the London International Youth Science Forum.

During the 2012 Award Giving Ceremony, the following prizes in different categories were presented to deserving schools and learners:

4.3. LEARNERS

- Laptops
- Desktop computers
- iPods
- Book vouchers
- Two-week trip to attend the International Youth Science Forum in London
- Two week trip to attend the Science Forum in Australia

4.4. SCHOOLS

- Laboratory Equipment

5. CHALLENGES

Listed below are some of the noticeable challenges facing the project:

- On average, approximately 10% of the schools in South Africa participated in the National Science Olympiad over the past five years. The province with the highest number is Limpopo, followed by the Gauteng. There is an urgent need to increase participation across the nine provinces and strategies will be put in place to address this issue
- In most schools, the Olympiad still has the greatest appeal to more able learners. Therefore there is a need to identify and nurture more learners who have potential, especially those who are from disadvantaged schools and communities;
- The poor performance of some learners who sit for this Olympiad examination raises an issue of concern, especially those who are from rural areas and those who opt for the Physical Science paper. During 2012, only 115 learners scored a mark of 50% and above in the Physical Science paper compared to 126 during 2011. Only 89 learners scored a mark of 50% and above in Life Science compared 49 during 2011. To address the issue of underperformance the following strategies were implemented: Science camps for grade 11 and 10 learners and provision of worked out solutions for previous examination question papers.
- There seems to be very limited educator support in coaching and preparing learners to excel in the competition. SAASTA has already started to address this issue by investing in teacher development at some schools and also working with professional associations.

6. WINNERS AND PRIZES

6.1 NATIONAL: PHYSICAL SCIENCE PAPER

6.1.1 TOP 5 NATIONAL WINNERS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	TN	Matika	Male	African Leadership Academy	Gauteng	12	76	Laptop
2	J	Saroni	Male	African Leadership Academy	Gauteng	12	73	Laptop
3	KS	Tsegaye	Male	African Leadership Academy	Gauteng	12	72	Desktop Computer
3	TP	Naidoo	Male	Star College	Kwazulu-Natal	11	72	Desktop Computer
5	JK	Keto	Male	African Leadership Academy	Gauteng	12	70	Desktop Computer

6.1.2 TOP GIRL LEARNER NATIONALLY

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	EM	Elimbi	Female	African Leadership Academy	Gauteng	12	64	R 2 000 Book Voucher

6.1.3 TOP LEARNER FROM PREVIOUSLY DISADVANTAGED SCHOOLS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	D	Thanyani	Male	Mbilwi Secondary	Limpopo	12	58	Laptop

6.1.4 TOP GIRL LEARNER FROM PREVIOUSLY DISADVANTAGED SCHOOLS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
	FP	Nkuna	Female	Bantfwabetfu	Mpumalanga	12	53	Laptop

6.1.5 TOP LEARNERS PER GRADE NATIONALLY

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	TP	Naidoo	Male	Star College	Kwazulu-Natal	11	72	iPod
2	NE	Mbukwane	Male	Bantfwabetfu	Mpumalanga	10	51	Desktop Computer

6.2 NATIONAL: LIFE SCIENCES PAPER

6.2.1 TOP 5 NATIONAL WINNERS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	MB	Bukenya	Male	African Leadership Academy	Gauteng	12	62	Laptop
2	F	Appeadu	Male	African Leadership Academy	Gauteng	12	61	Desktop Computer
2	TC	Dong	Female	African Leadership Academy	Gauteng	12	61	Desktop Computer
4	BT	Ewala Stanley	Male	African Leadership Academy	Gauteng	12	60	Desktop Computer
5	B	Mahamba	Female	Hudson Park High	Eastern Cape	12	59	Desktop Computer

6.2.2 TOP GIRL LEARNER NATIONALLY

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	TC	Dong	Female	African Leadership Academy	Gauteng	12	61	R 2 000 Book Voucher

6.2.3 TOP LEARNER FROM PREVIOUSLY DISADVANTAGED SCHOOLS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	SB	Msane	Female	Eshowe High	Kwazulu-Natal	12	52	Laptop

6.2.4 TOP GIRL LEARNER FROM PREVIOUSLY DISADVANTAGED SCHOOLS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	SB	Msane	Female	Eshowe High	Kwazulu-Natal	12	52	IPod

6.2.5 TOP LEARNERS PER GRADE NATIONALLY

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	DR	Rapeti	Female	Star College	Kwazulu-Natal	11	54	Desktop Computer
1	DC	Chetty	Male	Richards Bay Secondary	Kwazulu-Natal	11	54	Desktop Computer
3	N	Khwela	Male	Senzokwetu	Kwazulu-Natal	10	51	Desktop Computer

6.3 TOP LEARNERS FROM SADC SCHOOLS: LESOTHO, ZIMBABWE, NAMIBIA AND MALAWI

6.3.1 PHYSICAL SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	H	Scott Riddell	Female	Chisipite Senior School	Zimbabwe	12	70	Laptop
2	DS	Mhishi	Male	Makomborero	Zimbabwe	11	66	Desktop Computer
2	LJ	Phaphathisa	Male	Machabeng College	Lesotho	12	66	Desktop Computer
4	RI	Maponga	Male	Makomborero	Zimbabwe	11	65	R 1 000 Book Voucher
4	AC	Merrett	Male	Machabeng College	Lesotho	12	65	R 1 000 Book Voucher
4	J	Grotto	Female	Chisipite Senior School	Zimbabwe	11	65	R 1 000 Book Voucher

6.3.2 LIFE SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	MJ	Ntaote	Female	Machabeng College	Lesotho	12	66	Laptop
2	J	Logan	Female	Chisipite Senior	Zimbabwe	11	65	Desktop Computer
3	L	Muzavazi	Female	Makomborero School	Zimbabwe	11	63	R 1 000 Book Voucher
4	I	Chipumha	Male	Gateway Schools	Zimbabwe	11	59	R 750 Book Voucher

6.4 LEARNERS TO ATTEND THE LONDON INTERNATIONAL YOUTH SCIENCE FORUM (SAASTA)

6.4.1. TOP LEARNER – PHYSICAL SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	TP	Naidoo	Male	Star College	Kwazulu-Natal	11	72

6.4.2. TOP LEARNER – LIFE SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	B	Mahamba	Female	Hudson Park High	Eastern Cape	12	59

6.4.3. TOP LEARNER PER GRADE – PHYSICAL SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	RS	Singh	Male	Star College	Kwazulu-Natal	11	68

6.4.4. TOP LEARNER PER GRADE – LIFE SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	JU	Breet	Female	St Andrews School for Girls	Gauteng	11	57

6.4.5. TOP LEARNER FROM PREVIOUSLY DISADVANTAGED SCHOOLS – PHYSICAL SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	D	Thanyani	Male	Mbilwi Secondary	Limpopo	12	58

7. LEARNERS TO ATTEND THE SCIENCE FOCUS WEEK IN AUSTRALIA

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	D	Moodley	Male	Star College	Kwazulu-Natal	11	59
2	NE	Mbukwane	Male	Bantfwabetfu	Mpumalanga	10	51

8. SCHOOLS CATEGORY

8.1 HIGHEST PARTICIPATION – DINALEDI SCHOOLS

Position	School Name	Province	Number of Learners	Prize
1	Mbilwi Secondary	Limpopo	231	Lab equipment worth R 5 000
2	Welabasha Secondary	Kwazulu-Natal	217	Lab equipment worth R 4 000
3	RT Mokgopa	Free State	190	Lab equipment worth R 3 000

8.2 HIGHEST PARTICIPATION – HARMONY SCHOOLS

Position	School Name	Province	Number of Learners	Prize
1	Leseding Technical	Free State	255	Lab equipment worth R 5 000
2	Jabulani Technical High	Gauteng	246	Lab equipment worth R 4 000
3	Carlton Jones	Gauteng	133	Lab equipment worth R 3 000

8.3 HIGHEST PARTICIPATION – OTHER SCHOOLS

Position	School Name	Province	Number of Learners	Prize
1	EPP Mhinga	Limpopo	230	Lab equipment worth R 5 000

9. PERFORMANCE

9.1. TOP PERFORMANCE – NATIONAL SCHOOLS

NB: ONLY SCHOOLS WHO REGISTERD AT LEAST 50 LEARNERS WERE CONSIDERED

Position	School Name	Province	Number of Learners	%	Prize
1	African Leadership Academy	Gauteng	53	50	Lab equipment worth R 10 000
2	Star College	Kwazulu-Natal	101	38.9	Lab equipment worth R 7 000
3	Maritzburg College	Kwazulu-Natal	58	36.1	Lab equipment worth R 4 000

9.2 TOP PERFORMANCE – DINALEDI SCHOOLS

Position	School Name	Province	Number of Learners	%	Prize
1	Eshowe High	Kwazulu-Natal	52	33.1	Lab equipment worth R 6 000

9.3. TOP PERFORMANCE – HARMONY SCHOOLS

Position	School Name	Province	Number of Learners	%	Prize
1	Carlton Jones	Gauteng	138	25.4	Lab equipment worth R 6 000

9.4. TOP PERFORMANCE – SADC SCHOOLS

Position	School Name	Province	Number of Learners	%	Prize
1	Chisipite Senior School	Zimbabwe	81	40.7	Lab equipment worth R 6000

10. RESULTS PER STREAM: 45% AND ABOVE

10.1. PHYSICAL SCIENCE STREAM: 45% AND ABOVE

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
TN	MATIKA	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	76
J	SARONI	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	73
TP	NAIDOO	MALE	STAR COLLEGE	KWAZULU-NATAL	11	72
KS	TSEGAYE	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	72
JK	KETO	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	70
H	SCOTT-RIDDELL	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	70
RS	SINGH	MALE	STAR COLLEGE	KWAZULU-NATAL	11	68
MS	SULEMAN	MALE	STAR COLLEGE	KWAZULU-NATAL	11	67
L	OLUDIPE	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	67
DD	SUNDER	MALE	STAR COLLEGE	KWAZULU-NATAL	12	66
DS	MHISHI	MALE	MAKOMBORERO	ZIMBABWE	11	66
LJ	PHAPHATHISA	MALE	MACHABENG COLLEGE	LESOTHO	12	66
OJ	OYENUGA	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	66
RI	MAPONGA	MALE	MAKOMBORERO	ZIMBABWE	11	65
AC	MERRETT	MALE	MACHABENG COLLEGE	LESOTHO	12	65
J	GROTTA	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	65
B	MUNERI	MALE	MAKOMBORERO	ZIMBABWE	11	64
EM	ELIMBI	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	64
RA	SPENCER	MALE	WESTERFORD HIGH SCHOOL	WESTERN CAPE	12	63
JH	SON	MALE	ST ALBANS COLLEGE	GAUTENG	12	63
JA	IVAN	MALE	CRAWFORD COLLEGE PRETORIA	GAUTENG	12	63
Y	DEREJE	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	62
AR	HALSTEAD	MALE	BRYANSTON HIGH SCHOOL	GAUTENG	12	61
K	ESSIEN	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	61
M	CALDEIRA	MALE	CBC BOKSBURG	GAUTENG	12	60
V	BAHADUR	MALE	WINGEN HEIGHTS	KWAZULU-NATAL	12	59
BR	BINGHAM	MALE	WESTERFORD HIGH	WESTERN CAPE	12	59
D	MOODLEY	MALE	STAR COLLEGE	KWAZULU-NATAL	11	59
T	MBEGA	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	59
KI	RAMAIJA	MALE	LESOTHO HIGH	LESOTHO	12	
L	MAHADEO	MALE	STAR COLLEGE	KWAZULU-NATAL	59	58
AB	ASHARAPH	MALE	SOL PLAATJE SECONDARY	NORTH WEST	12	58
D	THANYANI	MALE	MBILWI SECONDARY	LIMPOPO	12	58
JD	JORDAAN	MALE	MARITZBURG COLLEGE	KWAZULU-NATAL	12	58
T	LETSOPHA	MALE	MACHABENG COLLEGE	LESOTHO	11	58
AS	VAN RENSBURG	MALE	MARITZBURG COLLEGE	KWAZULU-NATAL	12	57
NV	MACHAKAIRE	FEMALE	GATEWAY SCHOOLS	ZIMBABWE	11	57
JP	YOUNG	MALE	WESTVILLE BOYS HIGH	KWAZULU-NATAL	12	56
JC	SCHOEMAN	MALE	PAREL VALLEI HIGH	WESTERN CAPE	12	56
M	MUPONDA	MALE	MAKOMBORERO	ZIMBABWE	11	56
T	LEFOSA	MALE	MACHABENG COLLEGE	LESOTHO	12	56
Q	QHOLA	MALE	MACHABENG COLLEGE	LESOTHO	12	56

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
G	VARUGHESE	MALE	FIELDS COLLEGE	NORTH WEST	12	56
MT	MATTHEWS	MALE	BISHOPS	WESTERN CAPE	12	56
A	LEHTINEN	MALE	BERGVLIET HIGH	WESTERN CAPE	12	56
SH	KIM	MALE	ST ALBANS COLLEGE	GAUTENG	12	55
RN	KAJAU	MALE	MAKOMBORERO	ZIMBABWE	11	55
M	MAFAESA	MALE	MACHABENG COLLEGE	LESOTHO	12	55
NM	MILTON	FEMALE	FOCUSED HIGH	EASTERN CAPE	12	55
YW	YUAN HAW	MALE	CRAWFORD COLLEGE PRETORIA	GAUTENG	12	55
SM	MUTOKA	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	55
FJ	ENGLAND	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	55
SA	BARNES	MALE	PEARSON HIGH SCHOOL	EASTERN CAPE	12	54
TO	GLANVILL	MALE	PEARSON HIGH SCHOOL	EASTERN CAPE	12	54
FB	RAMABULANA	MALE	MANELEDZI	LIMPOPO	12	54
MC	UCHENA	MALE	MAKOMBORERO	ZIMBABWE	11	54
MT	MAPETA	MALE	GATEWAY SCHOOLS	ZIMBABWE	11	54
A	SWART	MALE	AFRIKAANS HOËR SEUNSSKOOL	GAUTENG	12	54
SA	MABERLY	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	54
ST	MANZAI	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	54
MW	KHAN	MALE	STAR COLLEGE	KWAZULU-NATAL	11	53
MG	EVANS	MALE	ST ALBANS	GAUTENG	12	53
G	DRAAIJER	MALE	PAUL ROOS GYMNASIUM	WESTERN CAPE	11	53
TZ	RAMARU	MALE	MAKHADO COMPREHENSIVE	LIMPOPO	12	53
T	METSING	FEMALE	MACHABENG COLLEGE	LESOTHO	11	53
J	MEYER	MALE	HILTON COLLEGE	KWAZULU-NATAL	12	53
J	THONER	MALE	FOCUSED	EASTERN CAPE	12	53
FP	NKUNA	FEMALE	BANTFWABETFU	MPUMALANGA	12	53
L	KIRKMAN	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	53
K	GWARISA	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	53
LA	RADMANN	MALE	ST DAVIDS MARIST INANDA	GAUTENG	12	52
MJ	OOSTHUIZEN	MALE	ST ALBANS COLLEGE	GAUTENG	12	52
KB	MOGOTLANE	MALE	RAMOGABUDI	LIMPOPO	12	52
TP	ZVIHWATI	MALE	MAKOMBORERO	ZIMBABWE	11	52
L	LELIA	MALE	MACHABENG COLLEGE	LESOTHO	12	52
KM	MOSITO	MALE	MACHABENG COLLEGE	LESOTHO	11	52
IL	KHOBO	MALE	KWANDEBELE SCIENCE SCHOOL	MPUMALANGA	12	52
KJ	VENTER	MALE	KRUGERSDORP HIGH	GAUTENG	12	52
HJ	MATTHEE	MALE	HOËRSKOOL PIETERSBURG	LIMPOPO	12	52
AK	MIELKE	MALE	GATEWAY SCHOOLS	ZIMBABWE	11	52
PS	MABIJA	MALE	FOCUSED	EASTERN CAPE	12	52
RD	CARTER	MALE	CBC BOKSBURG	GAUTENG	12	52
TH	GAMA	FEMALE	BANTFWABETFU	MPUMALANGA	12	52
JH	MASINA	FEMALE	BANTFWABETFU	MPUMALANGA	12	52
U	HAMIT	MALE	ALOE HIGH	WESTERN CAPE	12	52
S	HIRALAL	MALE	STAR COLLEGE BOYS HIGH	KWAZULU-NATAL	11	51
MT	TOOTLA	MALE	STAR COLLEGE	KWAZULU-NATAL	11	51
BJ	MILLER	MALE	REDHILL SCHOOL	GAUTENG	12	51

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
E	GROENEWALD	MALE	PAUL ROOS GYMNASIUM	WESTERN CAPE	12	51
SC	LEMMER	MALE	PAUL ROOS GYMNASIUM	WESTERN CAPE	12	51
G	HUSSELMANN	MALE	PAUL ROOS GYMNASIUM	WESTERN CAPE	12	51
KN	LEGODI	FEMALE	MILENTE	LIMPOPO	11	51
N	MUNYAI	MALE	MBILWI SECONDARY	LIMPOPO	12	51
TL	RWODZI	MALE	MAKOMBORERO	ZIMBABWE	11	51
TI	CHITAWA	MALE	MAKOMBORERO	ZIMBABWE	11	51
PJ	PATERSON JONES	MALE	BISHOPS	WESTERN CAPE	11	51
BM	MAUKU	MALE	BANTFWABETFU	MPUMALANGA	12	51
TN	SHABANGU	MALE	BANTFWABETFU	MPUMALANGA	12	51
LV	SHABANGU	FEMALE	BANTFWABETFU	MPUMALANGA	12	51
NE	MBUKWANE	MALE	BANTFWABETFU	MPUMALANGA	10	51
CD	VAN SCHOOR	MALE	AFRIKAANS HOËR SEUNSSKOOL	GAUTENG	12	51
V	BALUCKR AM	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	51
NJ	NIEUWOUDT	MALE	AFRIKAANS HOËR SEUNSSKOOL	GAUTENG	12	51
YS	SAYED ISMAIL	MALE	STAR COLLEGE	KWAZULU-NATAL	11	50
AC	AMARAL	MALE	ST STITHIANS BOYS	GAUTENG	12	50
R	BECKER	FEMALE	PEARSON HIGH SCHOOL	EASTERN CAPE	12	50
TM	LETAGENG	MALE	MOREKO	LIMPOPO	12	50
ML	SEKGAOLELO	MALE	MILENTE	LIMPOPO	12	50
TJ	ORTON	MALE	BISHOPS	WESTERN CAPE	10	50
AJ	HORN	MALE	BISHOPS	WESTERN CAPE	12	50
JS	NKAMBULE	MALE	BANTFWABETFU	MPUMALANGA	12	50
MM	ZULU	MALE	BANTFWABETFU	MPUMALANGA	12	50
JC	KOTZE	MALE	AFRIKAANS HOËR SEUNSSKOOL	GAUTENG	12	50
HW	POSTHUMUS	MALE	AFRIKAANS HOËR SEUNSSKOOL	GAUTENG	12	50
M	MUNYARADZI	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	50
L	VASIC	FEMALE	ST ANDREWS SCHOOL FOR GIRLS	GAUTENG	12	49
JM	DE BLOCQ VAN SCHELTIN	MALE	ST ALBANS COLLEGE	GAUTENG	12	49
CS	LOWRY	FEMALE	SACRED HEART COLLEGE	GAUTENG	10	49
M	DUBE	FEMALE	SACRED HEART COLLEGE	GAUTENG	12	49
JU	ALLINGHAM	MALE	PARKTOWN BOYS HIGH	GAUTENG	12	49
N	NEMAKHAVHANI	MALE	MBILWI SECONDARY	LIMPOPO	12	49
JH	INGRAM	MALE	HOËRSKOOL JIM FOUCHE	FREE STATE	12	49
JL	LIU	MALE	HENDRIK VERWOERD	GAUTENG	12	49
P	KRISHANDUTH	MALE	GRANTLEIGH	KWAZULU-NATAL	12	49
SP	WOLSKI	MALE	BISHOPS	WESTERN CAPE	11	49
N	MAHLANGU	FEMALE	BANTFWABETFU	MPUMALANGA	12	49
PG	TAPFUMA	FEMALE	BANTFWABETFU	MPUMALANGA	12	49
TS	VILAKAZI	MALE	BANTFWABETFU	MPUMALANGA	12	49
NA	SULEIMAN	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	49
AL	GRINHAM	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	49
A	BHOWON	MALE	YORK HIGH	WESTERN CAPE	12	48
AE	NOTHNAGEL	MALE	YORK HIGH	WESTERN CAPE	12	48
JS	SMITH	MALE	WESTVILLE BOYS HIGH	KWAZULU-NATAL	12	48
S	FORTUIN	MALE	THE SETTLERS HIGH	WESTERN CAPE	12	48

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
KB	SMITH	MALE	ST STITHIANS BOYS COLLEGE	GAUTENG	12	48
R	JARDINE	MALE	ST DUNSTANS COLLEGE	GAUTENG	11	48
DS	SPARROW	MALE	PRETORIA BOYS HIGH	GAUTENG	12	48
P	LE ROUX	MALE	PAREL VALLEI HIGH	WESTERN CAPE	12	48
ST	NIEUWoudt	MALE	PAREL VALLEI HIGH	WESTERN CAPE	12	48
N	MUKONO	MALE	ORIEL BOYS HIGH	ZIMBABWE	11	48
RM	LEDWABA	FEMALE	MILENTE	LIMPOPO	11	48
M	NARSAI	MALE	KLOOF HIGH	KWAZULU-NATAL	12	48
D	MALAN	FEMALE	HUGENOTE HOËRSKOOL	WESTERN CAPE	12	48
LI	TAUATSWALA	MALE	DENDRON SECONDARY	LIMPOPO	12	48
S	KOOVERJEE	FEMALE	COLLEGiate GIRLS HIGH	EASTERN CAPE	12	48
LH	HARRISON	MALE	CBC MOUNT EDMUND	GAUTENG	12	48
DL	WILLIAMS	MALE	BERGVLIET HIGH	WESTERN CAPE	12	48
GN	BUTHELEZI	FEMALE	BANTFWABETFU	MPUMALANGA	12	48
MM	MOKONE	MALE	BANTFWABETFU	MPUMALANGA	12	48
MP	MUDZINGWA	MALE	BANTFWABETFU	MPUMALANGA	12	48
MI	NKOSI	MALE	BANTFWABETFU	MPUMALANGA	12	48
ZE	NKOSI	FEMALE	BANTFWABETFU	MPUMALANGA	12	48
TN	THOMO	FEMALE	BANTFWABETFU	MPUMALANGA	12	48
NP	SIBANYONI	FEMALE	BANTFWABETFU	MPUMALANGA	12	48
LN	MASEKO	FEMALE	BANTFWABETFU	MPUMALANGA	12	48
S	KAZEMBE	MALE	BANTFWABETFU	MPUMALANGA	10	48
L	MUDZINGWA	MALE	BANTFWABETFU	MPUMALANGA	11	48
MW	WALKER	MALE	ALEXANANER ROAD HIGH	EASTERN CAPE	11	48
LS	MONAHENG	FEMALE	LESOTHO HIGH	LESOTHO	12	48
DS	SWART	MALE	YORK HIGH	WESTERN CAPE	11	47
K	BREY	FEMALE	WYNBERG GIRLS HIGH	WESTERN CAPE	12	47
J	HORNE	MALE	ST DUNSTANS COLLEGE	GAUTENG	11	47
EM	RAJAK	MALE	STAR COLLEGE	KWAZULU-NATAL	10	47
AA	ALLI	FEMALE	STAR COLLEGE	KWAZULU-NATAL	11	47
SO	OH	MALE	ST ALBANS COLLEGE	GAUTENG	12	47
MG	GERING	MALE	REDHILL SCHOOL	GAUTENG	12	47
JM	BOEYENS	FEMALE	REDHILL SCHOOL	GAUTENG	12	47
JS	STIE R	MALE	PRETORIA BOYS HIGH	GAUTENG	12	47
A	PANDAY	MALE	PARKTOWN BOYS HIGH	GAUTENG	12	47
I	SWARTS	MALE	PAREL VALLEI HIGH	WESTERN CAPE	12	47
C	VANDER PLAETSE	MALE	MACHABENG COLLEGE	LESOTHO	11	47
NW	SEBOPA	FEMALE	JANE FURSE COMPREHENSIVE	LIMPOPO	12	47
HP	MASHILOANE	FEMALE	HOËRSKOOL PIETERSBURG	LIMPOPO	12	47
BD	HALL	MALE	HOWICK HIGH SCHOOL	KWAZULU-NATAL	12	47
TN	GONYE	MALE	GATEWAY SCHOOLS	ZIMBABWE	11	47
MT	POHOTONA	MALE	DENDRON SECONDARY	LIMPOPO	12	47
M	RUGUNANAN	MALE	CBC BOKSBURG	GAUTENG	12	47
ZN	NYOKANGI	FEMALE	BRYANSTON HIGH SCHOOL	GAUTENG	12	47
WM	BLACK	MALE	BISHOPS	WESTERN CAPE	10	47
NL	HLOPHE	MALE	BANTFWABETFU	MPUMALANGA	12	47

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
NM	KHUMALO	FEMALE	BANTFWABETFU	MPUMALANGA	12	47
ST	NDLOVU	MALE	BANTFWABETFU	MPUMALANGA	12	47
PA	THOMPSON	MALE	YORKHIGH	WESTERN CAPE	11	46
RS	JERRIER	MALE	WINGEN HEIGHTS	KWAZULU-NATAL	12	46
HL	LIN	MALE	WESTVILLE BOYS HIGH	KWAZULU-NATAL	12	46
S	THABENE	MALE	THUTO LESEDI	GAUTENG	12	46
SD	MATHEBA	MALE	THOHOYANDOU SECONDARY	LIMPOPO	12	46
MR	BASA	MALE	THE SETTLERS HIGH SCHOOL	WESTERN CAPE	12	46
NG	ANOGONOSTU	MALE	ST STITHIANS BOYS COLLEGE	GAUTENG	12	46
J	WILSON	MALE	ST DUNSTANS COLLEGE	GAUTENG	11	46
SH	HIRALAL	MALE	STAR COLLEGE	KWAZULU-NATAL	12	46
AJ	TARANTAL	MALE	ST ALBANS COLLEGE	GAUTENG	12	46
NA	ANAGNOSTU	MALE	ST STITHIANS BOYS COLLEGE	GAUTENG	12	46
W	SEEDAT	MALE	ST DAVIDS MARIST INANDA	GAUTENG	12	46
AJ	HOWA	MALE	ST DAVIDS MARIST INANDA	GAUTENG	12	46
SP	FORREST	MALE	SOUTH AFRICAN COLLEGE	WESTERN CAPE	12	46
N	MINOFU	FEMALE	REDHILL SCHOOL	GAUTENG	12	46
BL	DAVIDS	FEMALE	RAUCALL SECONDARY	GAUTENG	12	46
M	MATHEW	FEMALE	QUEENSTOWN GIRLS HIGH	EASTERN CAPE	12	46
C	CORBETT	MALE	PAARL BOYS HIGH	WESTERN CAPE	12	46
A	SWANEPOEL	MALE	MENLOPARK	GAUTENG	12	46
JP	RAMABELE	MALE	MATSHUMANE	LIMPOPO	12	46
MP	NONA	MALE	MACHABENG COLLEGE	LESOTHO	12	46
MP	MAMOROBELA	FEMALE	LITSHOVHU	LIMPOPO	12	46
EN	MABELANE	MALE	LEOLO HIGH SCHOOL	LIMPOPO	11	46
TB	MATYABA	MALE	KHANYISA HIGH SCHOOL	EASTERN CAPE	12	46
T	ZULU	FEMALE	JEPPE GIRLS HIGH	GAUTENG	12	46
S	TEMBENUKA	FEMALE	GIRLS HIGH SCHOOL	ZIMBABWE	12	46
O	NTSHUDISANE	MALE	DIE HOËRSKOOL LANGENHOVEN	GAUTENG	12	46
H	VILJOEN	FEMALE	DIE HOËRSKOOL MENLOPARK	GAUTENG	12	46
TW	DENTON	MALE	BRYANSTON HIGH	GAUTENG	11	46
KS	SCHABORT	MALE	BISHOPS	WESTERN CAPE	12	46
PE	FREUND	MALE	BISHOPS	WESTERN CAPE	12	46
ET	GRAY	MALE	BISHOPS	WESTERN CAPE	12	46
SD	VANDERSANDT	MALE	BELLVILLE THS	WESTERN CAPE	12	46
NH	JELE	MALE	BANTFWABETFU	MPUMALANGA	12	46
FV	NGWENYA	FEMALE	BANTFWABETFU	MPUMALANGA	12	46
MD	NKOSI	MALE	BANTFWABETFU	MPUMALANGA	12	46
MR	MAMBA	MALE	BANTFWABETFU	MPUMALANGA	12	46
BS	BELAINEH	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	46
MD	MAHATLAN E	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	46
MS	KQOSANA	MALE	EDL RAMPOLA	LIMPOPO	12	46
S	BEAHAN	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	10	46
D	BRIS OW	MALE	WESTVILLE BOYS HIGH	KWAZULU-NATAL	12	45
MK	KERBELKER	MALE	WESTERFORD HIGH	WESTERN CAPE	12	45
B	VAN WIERINGEN	FEMALE	WESTERFORD HIGH	WESTERN CAPE	12	45

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
JP	BADENHORST	MALE	WATERKLOOF	GAUTENG	12	45
IM	MOFOKENG	MALE	VAALREEFS TECHNICAL HIGH	NORTH WEST	11	45
N	GELDENHUIS	FEMALE	ST MARYS DSG	GAUTENG	12	45
JL	GIBSON	MALE	ST DAVIDS MARIST INANDA	GAUTENG	12	45
J	DUPREEZ	MALE	SCHOONSPRUIT	NORTH WEST	12	45
CT	MUNANGA	FEMALE	REDHILL SCHOOL	GAUTENG	12	45
LC	TIMM	FEMALE	REDHILL SCHOOL	GAUTENG	12	45
AB	BUCKLAND	MALE	REDHILL SCHOOL	GAUTENG	11	45
CJ	THORNTON	FEMALE	REDHILL SCHOOL	GAUTENG	12	45
SM	MADHI	FEMALE	PARKTOWN GIRLS HIGH	GAUTENG	12	45
N	PILLAY	MALE	NORTHWOOD	KWAZULU-NATAL	12	45
M	CELE	MALE	MPOPHOMENI HIGH SCHOOL	KWAZULU-NATAL	12	45
TK	KGOBE	MALE	MILNER HIGH SCHOOL	NORTH WEST	12	45
LM	FERREIRA	FEMALE	DIE HOËRSKOOL MENLOPARK	GAUTENG	12	45
M	MAREMA	FEMALE	MBILWI SECONDARY	LIMPOPO	12	45
E	RAVHUTSI	MALE	MBILWI SECONDARY	LIMPOPO	12	45
EN	LAMBANI	MALE	MBILWI SECONDARY	LIMPOPO	12	45
SM	BARNSLEY	MALE	MARITZBURG COLLEGE	KWAZULU-NATAL	12	45
FM	MTUPANYAMA	MALE	MAKHADO COMPREHENSIVE	LIMPOPO	12	45
L	TSHIDADA	MALE	MAKHADO COMPREHENSIVE	LIMPOPO	12	45
MM	MAPOLA	FEMALE	MACHABENG COLLEGE	LESOTHO	12	45
JJ	NIEUWoudt	MALE	LEEUWENHOF	GAUTENG	12	45
S	CHETTY	MALE	KINGSWAY HIGH	KWAZULU-NATAL	12	45
M	JOUBERT	FEMALE	JEPPE GIRLS HIGH	GAUTENG	12	45
JL	FREEER	FEMALE	HOWICK HIGH	KWAZULU-NATAL	12	45
J	COETZER	MALE	FRANS DU TOIT	LIMPOPO	12	45
EM	OJONGMOEBOT	MALE	EMPANGENI HIGH	KWAZULU-NATAL	11	45
CG	REECE	MALE	CBC BOKSBURG	GAUTENG	12	45
JA	ADAMS	MALE	CAPE ACADEMY	WESTERN CAPE	12	45
JG	GUEDES	MALE	BRYANSTON HIGH	GAUTENG	12	45
N	PILLAY	MALE	BISHOPS	WESTERN CAPE	11	45
CG	NDINISA	FEMALE	BANTFWABETFU	MPUMALANGA	12	45
FN	NKOSI	FEMALE	BANTFWABETFU	MPUMALANGA	12	45
M	NKGA DIM A	MALE	AM MASHEGO	LIMPOPO	12	45
BV	RHODES	MALE	ALEXANDER ROAD	EASTERN CAPE	12	45
KM	MOR CHID	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	45
JD	GAWRONSKY	MALE	SOUTH AFRICAN COLLEGE	WESTERN CAPE	11	45
LL	HUME	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	45
MM	NDORO	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	10	45
S	WELCH	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	10	45

10.2 LIFE SCIENCE: 45% AND ABOVE

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
MJ	NTAOTE	FEMALE	MACHABENG COLLEGE	LESOTHO	12	66
J	LOGAN	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	65
L	MUZAVAZI	FEMALE	MAKOMBORERO SCHOOL	ZIMBABWE	11	63
MB	BUKENYA	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	62
F	APPEADU	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	61
TC	DONG	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	61
BT	EWALA STANLEY	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	60
DN	MEPUKORI	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	59
I	CHIPUMHA	MALE	GATEWAY SCHOOLS	ZIMBABWE	11	59
B	MAHAMBA	FEMALE	HUDSON PARK HIGH	EASTERN CAPE	12	59
GJ	OLLS	MALE	PEARSON HIGH	EASTERN CAPE	12	59
M	KANDIDO	FEMALE	MAKOMBORERO	ZIMBABWE	11	58
DI	BACKWELL	MALE	ST STITHIANS BOYS	GAUTENG	12	58
JU	BREET	FEMALE	ST ANDREWS SCHOOL FOR GIRLS	GAUTENG	11	57
KG	BRAZIER	FEMALE	ST MARYS DSG KLOOF	KWAZULU-NATAL	12	57
R	VAN DER WESTHUIZEN	MALE	ST ALBANS COLLEGE	GAUTENG	12	56
AR	PUTTER	MALE	CRAWFORD COLLEGE PRETORIA	GAUTENG	12	55
J	THERON	MALE	FOCUSED	EASTERN CAPE	12	55
PS	MABIJA	MALE	FOCUSED	EASTERN CAPE	12	55
S	KAJEE	MALE	GREY HIGH	EASTERN CAPE	12	55
MJ	MASITHA	FEMALE	MACHABENG COLLEGE	LESOTHO	11	55
KM	MUSUNDIRE	MALE	MACHABENG COLLEGE	LESOTHO	12	55
B	NARAYANAN	FEMALE	MACHABENG COLLEGE	LESOTHO	11	55
EA	GUERRA	MALE	ST ALBANS COLLEGE	GAUTENG	12	55
J	AGUDOGO	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	54
NF	NKOSI	FEMALE	CAROLINA COMBINED	MPUMALANGA	11	54
MS	KANTOR	FEMALE	HERZLIA HIGH SCHOOL	WESTERN CAPE	12	54
DC	CHETTY	MALE	RICHARDS BAY SECONDARY	KWAZULU-NATAL	11	54
DR	RAPETI	FEMALE	STAR COLLEGE	KWAZULU-NATAL	11	54
SS	SANUSI	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	53
PC	RAMBAU	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	53
GW	JONES	MALE	BERGVLIET HIGH	WESTERN CAPE	12	53
JA	APPERLEY	MALE	BISHOPS	WESTERN CAPE	12	53
AP	GIURICICH	MALE	BISHOPS	WESTERN CAPE	12	53
JA	AALTO	MALE	GRANTLEIGH	KWAZULU-NATAL	12	53
ES	SACKS	FEMALE	HERZLIA HIGH	WESTERN CAPE	12	53
TM	HLOMAYI	MALE	MAKOMBORERO	ZIMBABWE	11	53
BJ	PLAYER	MALE	MARITZBURG COLLEGE	KWAZULU-NATAL	11	53
Y	MAHOMED	MALE	MARITZBURG COLLEGE	KWAZULU-NATAL	11	53
AA	AHMED	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	52
GM	WARNER	FEMALE	BERGVLIET HIGH SCHOOL	WESTERN CAPE	12	52
AL	YOUNG	FEMALE	BERGVLIET HIGH SCHOOL	WESTERN CAPE	12	52
MD	DYER	MALE	BISHOPS	WESTERN CAPE	12	52
SB	MSANE	FEMALE	ESHOWE HIGH	KWAZULU-NATAL	12	52

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
MM	MAVENGERE	MALE	GATEWAY SCHOOLS	ZIMBABWE	11	52
JD	RETIFF	MALE	HOËRSKOOL NELSPRUIT	MPUMALANGA	12	52
L	DHARAJ	MALE	MARITZBURG COLLEGE	KWAZULU-NATAL	11	52
JL	MOUTON	MALE	PRIVAAT SKOOL MORIA	NAMIBIA	12	52
TJ	WOOLLGAR	FEMALE	QUEENSTOWN GIRLS HIGH	EASTERN CAPE	12	52
U	AMOD MOHAMMED	MALE	RAISETHORPE SECONDARY	KWAZULU-NATAL	12	52
AT	SERVANT	MALE	ST STITHIANS BOYS	GAUTENG	12	52
BA	OBONYO	FEMALE	ST MARYS DSG	GAUTENG	12	52
S	NAIDU	MALE	WESTRIDGE HIGH	GAUTENG	12	52
OO	AWOYOMI	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	51
MT	THATO	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	51
A	VAN DER WALT	FEMALE	AHMP	GAUTENG	12	51
M	MAHACHI	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	51
YM	MOOPEN	FEMALE	CRAWFORD COLLEGE PRETORIA	GAUTENG	12	51
DV	STALLENBERG	MALE	GRANTLEIGH	KWAZULU-NATAL	12	51
MA	ADAMS	MALE	HATFIELD CHRISTIAN SCHOOL	GAUTENG	12	51
JH	HALL	MALE	HELLENIC ACADEMY	ZIMBABWE	11	51
HN	THONER	FEMALE	HOER VOLSKOOL POTCHEFSTROOM	NORTH WEST	12	51
DV	GUIMARAES	FEMALE	KLOOF HIGH SCHOOL	KWAZULU-NATAL	12	51
AN	NAIR	FEMALE	MACHABENG COLLEGE	LESOTHO	12	51
M	MUZI	FEMALE	QUEENELIZABETH HIGH	ZIMBABWE	12	51
S	KHWELA	MALE	SENZOKWETHU	KWAZULU-NATAL	10	51
BM	RUBIN	MALE	ST ALBANS COLLEGE	GAUTENG	12	51
AM	MACGREGOR	MALE	ST BENEDICTS COLLEGE	GAUTENG	11	51
AL	NGCIBI	MALE	UMTATA HIGH SCHOOL	EASTERN CAPE	12	51
RH	HOVE	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	50
K	MPOFANA	MALE	BIZANA SENIOR SECONDARY	EASTERN CAPE	12	50
NP	MNISI	MALE	CAROLINA COMBINED	MPUMALANGA	12	50
M	HINDE	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	10	50
MM	CHINONZO	FEMALE	GATEWAY SCHOOLS	ZIMBABWE	11	50
KL	HULL	MALE	GREY HIGH	EASTERN CAPE	12	50
MJ	STONE	MALE	HILTON COLLEGE	KWAZULU-NATAL	12	50
T	LOFTUS	MALE	HOER VOLSKOOL	NORTH WEST	12	50
W	VAN LOSENOORD	MALE	HOËRSKOOL BEN VORSTER	LIMPOPO	12	50
AR	DURRHEIM	FEMALE	JEPPE GIRLS HIGH	GAUTENG	12	50
MJ	CHABELA	MALE	LESOTHO HIGH	LESOTHO	12	50
NM	MOLUPE	FEMALE	MACHABENG COLLEGE	LESOTHO	12	50
R	RAMDEYI	FEMALE	MARBURG SECONDARY	KWAZULU-NATAL	12	50
A	KADOO	FEMALE	MARITZBURG MUSLIM	KWAZULU-NATAL	12	50
MJ	HARRISON	MALE	SACS	WESTERN CAPE	12	50
MR	DODDEMEADE	MALE	SAINT BENEDICTS	GAUTENG	12	50
A	MYENDE	MALE	SENZOKWETHU HIGH	KWAZULU-NATAL	10	50
AB	MZIMELA	MALE	SENZOKWETHU HIGH	KWAZULU-NATAL	10	50
G	BUCHANAN	MALE	ST STITHIANS BOYS	GAUTENG	12	50
K	PATHER	MALE	STAR COLLEGE	KWAZULU-NATAL	11	50
C	HAMEL	FEMALE	AHMP	GAUTENG	12	49

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
G	MUSANDIRE	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	10	49
S	SIBIYA	MALE	DANNHAUSER SECONDARY	KWAZULU-NATAL	10	49
ET	TEYEKAU	MALE	FOCUSED HIGH	EASTERN CAPE	12	49
AJ	WEST	MALE	GREY HIGH	EASTERN CAPE	12	49
TR	RAWHANI	MALE	HOWICK HIGH	KWAZULU-NATAL	12	49
NM	LENGALA	FEMALE	LESOTHO HIGH	LESOTHO	12	49
MJ	MOKOBOCHO	MALE	LESOTHO HIGH	LESOTHO	12	49
J	REMBOLD	MALE	MARITZBURG COLLEGE	KWAZULU-NATAL	12	49
LK	FIGENSCHOU	FEMALE	PAREL VALLEI HIGH	WESTERN CAPE	12	49
CG	HANNWEG	FEMALE	ST MARYS DSG	GAUTENG	12	49
SL	TAYLOR	MALE	ST STITHIANS BOYS	GAUTENG	12	49
MI	RANDERE	MALE	STAR COLLEGE	KWAZULU-NATAL	11	49
C	NEL	FEMALE	STIRLING HIGH	EASTERN CAPE	11	49
H	BURGER	FEMALE	WESTERFORD HIGH SCHOOL	WESTERN CAPE	12	49
M	ROSSOUW	MALE	PRIVaat SKOOL MORIA	NAMIBIA	12	49
N	HARIPIRSAD	FEMALE	ABBOTTS COLLEGE NORTHCLIFF	GAUTENG	12	48
OC	SMITH	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	48
TJ	OBIRI	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	48
KZ	KOUSKOUS	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	48
E	KAPP	FEMALE	AHMP	GAUTENG	12	48
T	CHIGUMBURA	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	48
N	DOUIE	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	48
AC	HENDRICKSE	MALE	FAIRBAIRN COLLEGE	WESTERN CAPE	12	48
NM	MILTON	FEMALE	FOCUSED HIGH SCHOOL	EASTERN CAPE	12	48
T	MATIKITI	FEMALE	GATEWAY SCHOOLS	ZIMBABWE	11	48
AP	FACOLINE	MALE	HENDRIK VERWOERD	GAUTENG	12	48
JE	STEIN	MALE	HERZLIA HIGH SCHOOL	WESTERN CAPE	11	48
S	NOBELA	MALE	KINGSWAY HIGH SCHOOL	KWAZULU-NATAL	12	48
JN	LAWRENCE	FEMALE	PINELANDS HIGH SCHOOL	WESTERN CAPE	12	48
M	MUKARATI	FEMALE	SACRED HEART COLLEGE	ZIMBABWE	12	48
KM	MCEWAN	FEMALE	QUEENSTOWN GIRLS HIGH	EASTERN CAPE	12	48
S	KUNENE	FEMALE	SENZOKWETHU HIGH	KWAZULU-NATAL	11	48
M	NKABINDE	FEMALE	SENZOKWETHU HIGH	KWAZULU-NATAL	11	48
JC	ATTENBOROUGH	MALE	ST ALBANS	GAUTENG	12	48
BJ	DUFFY	MALE	ST DAVIDS MARIST INANDA	GAUTENG	12	48
AN	THEODORIDIS	FEMALE	ST MARYS DSG	GAUTENG	12	48
M	NARSAI	FEMALE	ST MARYS DSG	GAUTENG	12	48
H	NAIDOO	MALE	STAR COLLEGE	KWAZULU-NATAL	11	48
T	SILOSINI	FEMALE	UMTATA HIGH SCHOOL	EASTERN CAPE	12	48
S	ZIPETE	FEMALE	UMTATA HIGH SCHOOL	EASTERN CAPE	12	48
JJ	NAUDE	MALE	AFRIKAANSE HOER SEUNSKOOL	GAUTENG	11	47
N	IMMERMAN	FEMALE	AHMP	GAUTENG	11	47
M	POTGIETER	FEMALE	AHMP	GAUTENG	12	47
M	STEMMET	FEMALE	BELLVILLE THS	WESTERN CAPE	12	47
MC	CRUICKSHANK	FEMALE	BERGVLIET HIGH SCHOOL	WESTERN CAPE	12	47
LM	NGOATO	FEMALE	CALVIN COLLEGE	LIMPOPO	12	47

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
C	PETERSEN	MALE	CAPE ACADEMY	WESTERN CAPE	12	47
N	DUTTON	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	47
TM	MATLALA	MALE	DSP	GAUTENG	12	47
CR	POTGIETER	FEMALE	ESHOWE HIGH SCHOOL	KWAZULU-NATAL	12	47
AN	BIYELA	FEMALE	ESHOWE HIGH SCHOOL	KWAZULU-NATAL	12	47
N	SPENCE	FEMALE	GLENWOOD HOUSE	WESTERN CAPE	12	47
SJ	BLELOCH	MALE	HILTON COLLEGE	KWAZULU-NATAL	12	47
CA	WIESSING	MALE	HILTON COLLEGE	KWAZULU-NATAL	11	47
C	SMAL	FEMALE	HOËRSKOOL MONTANA	GAUTENG	12	47
NC	CLAASSENS	FEMALE	HUGENOTE HOËRSKOOL	WESTERN CAPE	12	47
ST	SCHLEBUSCH	FEMALE	JEPPE GIRLS HIGH	GAUTENG	12	47
KD	RAFEDILE	FEMALE	JEPPE GIRLS HIGH	GAUTENG	12	47
DA	ANYANGO	FEMALE	JEPPE GIRLS HIGH	GAUTENG	12	47
SC	GOVENDER	FEMALE	KINGSWAY HIGH	KWAZULU-NATAL	12	47
S	NEMBAKIARE	MALE	MAKOMBORERO	ZIMBABWE	11	47
N	CAESAR	MALE	MASIBAMBANE	WESTERN CAPE	12	47
KB	BHAWANI	FEMALE	PRETORIA HIGH SCHOOL FOR GIRLS	GAUTENG	11	47
T	RAJCOOMAR	FEMALE	RAISETHORPE RECONDARY	KWAZULU-NATAL	12	47
DR	REDDY	FEMALE	RAISETHORPE SECONDARY	KWAZULU-NATAL	12	47
AR	RAJAH	MALE	RAISETHORPE SECONDARY	KWAZULU-NATAL	11	47
DD	LIGHTLEY	MALE	SACS	WESTERN CAPE	12	47
KC	MOHLABI	FEMALE	ST MARYS DSG	GAUTENG	12	47
AS	COETZEE	FEMALE	ST MARYS DSG	GAUTENG	12	47
AK	BOATENG	FEMALE	ST ANDREWS SCHOOL FOR GIRLS	GAUTENG	11	47
S	HANSRAJH	FEMALE	STANGER MANOR SECONDARY	KWAZULU-NATAL	12	47
MM	MODIPANE	FEMALE	ST BEDES HIGH SCHOOL	LIMPOPO	12	47
AS	MALABONE	FEMALE	ST TERESAS SCHOOL	GAUTENG	12	47
JK	KANYAMA	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	46
H	SEID	FEMALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	46
BO	ODUMOSU	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	46
E	BEKKER	FEMALE	AHMP	GAUTENG	11	46
M	GELDENHUYSEN	FEMALE	AHMP	GAUTENG	12	46
RP	MUDZINGWA	FEMALE	BANTFWABETFU	MPUMALANGA	11	46
MD	ADRIAAN	MALE	BERGVLIET HIGH	WESTERN CAPE	12	46
AT	TOURELL	FEMALE	BERGVLIET HIGH	WESTERN CAPE	11	46
TL	MAKONESE	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	11	46
MR	RODRIGUES	FEMALE	CRAWFORD COLLEGE PRETORIA	GAUTENG	12	46
K	BEDHESI	MALE	CRAWFORD COLLEGE PRETORIA	GAUTENG	12	46
P	MASIPA	MALE	DENDRON SECONDARY	LIMPOPO	12	46
N	CHAUKE	FEMALE	DSP	GAUTENG	12	46
N	PARKER	FEMALE	FAIRBAIRN COLLEGE	WESTERN CAPE	12	46
MT	CHINEMBIRI	FEMALE	GIRLS HIGH SCHOOL	ZIMBABWE	12	46
DC	SCHULTZ	MALE	HATFIELD CHRISTIAN SCHOOL	GAUTENG	12	46
JB	ZINN	FEMALE	HERZLIA HIGH	WESTERN CAPE	12	46
JC	LEVIN	MALE	HERZLIA HIGH	WESTERN CAPE	10	46
JS	HENNING	MALE	HOËRSKOOL DELMAS	MPUMALANGA	12	46

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
ZZ	MPANTSHA	FEMALE	HOLY CROSS EDUCATION CENTRE	EASTERN CAPE	12	46
H	KRUGER	FEMALE	HUGENOTE HOËRSKOOL	WESTERN CAPE	12	46
MC	WATERS	FEMALE	JEPPE GIRLS HIGH	GAUTENG	12	46
KA	MARAIIS	FEMALE	JEPPE GIRLS HIGH	GAUTENG	11	46
KQ	LESOLO	MALE	LESOTHO HIGH	ZIMBABWE	12	46
J	VORSTER	MALE	MARITZBURG COLLEGE	KWAZULU-NATAL	12	46
K	MC INTYRE	FEMALE	DIE HOËRSKOOL MENLOPARK	GAUTENG	11	46
V	KHUBHEKA	MALE	MONDEOR HIGH	GAUTENG	12	46
Y	MOOSA	FEMALE	PORT SEPSTONE ISLAMIC SCHOOL	KWAZULU-NATAL	12	46
RL	MILL	FEMALE	PRETORIA HIGH SCHOOL FOR GIRLS	GAUTENG	12	46
M	MATHIBE	MALE	QIBING SENIOR SECONDARY	FREE STATE	10	46
MR	SIDDQUI	MALE	SAMA SCHOOL	GAUTENG	12	46
KA	JACOBS	FEMALE	SOUTH PENINSULA	WESTERN CAPE	12	46
AK	KADRI	FEMALE	SOUTH PENINSULA HIGH	WESTERN CAPE	12	46
HR	SHIBAMBO	FEMALE	ST MARYS DSG	GAUTENG	12	46
JS	SELAND	MALE	ST DAVIDS MARIST INANDA	GAUTENG	12	46
HF	NEL	FEMALE	ST MARYS DSG	GAUTENG	12	46
RW	HALL	MALE	ST STITHIANS BOYS COLLEGE	GAUTENG	12	46
LC	BALKWILL	FEMALE	VICTORIA PARK HIGH	EASTERN CAPE	10	46
JC	DAVIDS	FEMALE	WYNBERG GIRLS HIGH SCHOOL	WESTERN CAPE	12	46
E	ENEMCHUKWU	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	11	45
LJ	NKUWI	MALE	AFRICAN LEADERSHIP ACADEMY	GAUTENG	12	45
L	SMUTS	FEMALE	AHMP	GAUTENG	11	45
LG	DUPERRAY	FEMALE	BERGVLIET HIGH SCHOOL	WESTERN CAPE	12	45
DT	MAGWERE	MALE	BLUE HILLS COLLEGE	GAUTENG	12	45
BF	FADUK	FEMALE	CAMBRIDGE ACADEMY	MPUMALANGA	12	45
M	MBUNGE	FEMALE	CAMBRIDGE HIGH SCHOOL	EASTERN CAPE	12	45
A	HEPWORTH	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	10	45
K	BAILEY	FEMALE	CHISIPITE SENIOR SCHOOL	ZIMBABWE	10	45
CM	LENAHAN	FEMALE	CRAWFORD COLLEGE PRETORIA	GAUTENG	11	45
RG	GANGA LIMANDO	MALE	ELMAR COLLEGE	GAUTENG	12	45
TA	ARUMUGAM	FEMALE	GREENBURY SECONDARY	KWAZULU-NATAL	12	45
BA	FRANKLIN	FEMALE	HELLNIC ACADEMY	ZIMBABWE	11	45
KV	CALDECOTT	FEMALE	HENDRIK VERWOERD	GAUTENG	12	45
BG	LEWIS	MALE	HERZLIA HIGH SCHOOL	WESTERN CAPE	12	45
EM	MUGERWA SEKAWABE	MALE	HILTON COLLEGE	KWAZULU-NATAL	12	45
NM	LUCAS	MALE	HILTON COLLEGE	KWAZULU-NATAL	11	45
C	KRUGER	MALE	HOËRSKOOL DIE WILGERS	GAUTENG	12	45
AE	ENGELBRECHT	MALE	HOËRSKOOL MONTANA	GAUTENG	12	45
TV	VORSTER	FEMALE	HUDSON PARK	EASTERN CAPE	11	45
D	FRANSMAN	MALE	HUGENOTE HOËRSKOOL	WESTERN CAPE	12	45
O	REITSMA	FEMALE	HUGENOTE HOËRSKOOL	WESTERN CAPE	12	45
MJ	HADDEN	FEMALE	KLOOF HIGH	KWAZULU-NATAL	12	45
FM	NTHEBE	FEMALE	LESOTHO HIGH	ZIMBABWE	12	45
NB	NKOSI	FEMALE	LOWVELD HIGH SCHOOL	MPUMALANGA	12	45
NN	MOELE	FEMALE	LOWVELD HIGH SCHOOL	MPUMALANGA	12	45

INITIALS	SURNAME	GENDER	SCHOOL NAME	PROVINCE	GRADE	%
RT	RANKOROANE	MALE	MACHABENG COLLEGE	LESOTHO	12	45
AN	BADRUEEN	FEMALE	MARITZBURG MUSLIM	KWAZULU-NATAL	12	45
AK	MAAZA	MALE	PAREL VALLEI HIGH	WESTERN CAPE	12	45
TI	PAULUS	MALE	PINELANDS HIGH SCHOOL	WESTERN CAPE	12	45
C	KIERNAN	FEMALE	PINELANDS HIGH SCHOOL	WESTERN CAPE	12	45
SN	HEUER	FEMALE	PRETORIA HIGH SCHOOL FOR GIRLS	GAUTENG	11	45
HM	MALULEKE	MALE	RIPAMBETA HIGH SCHOOL	LIMPOPO	12	45
AB	BIZOS	FEMALE	SAHETI	GAUTENG	11	45
EC	J VAN RENSBURG	FEMALE	SCOTTSBURGH HIGH SCHOOL	KWAZULU-NATAL	11	45
KB	MASEKOAMENG	MALE	SEANA MARENA	GAUTENG	12	45
N	MCHUNV	FEMALE	SENZOKWETHU	KWAZULU-NATAL	11	45
MA	HODGSON	MALE	ST DAVIDS MARIST INANDA	GAUTENG	12	45
FX	SCHORR	MALE	ST ALBANS COLLEGE	GAUTENG	12	45
K	MOODLEY	MALE	STAR COLLEGE	KWAZULU-NATAL	12	45
GJ	HYSLOP	MALE	ST DAVIDS MARIST INANDA	GAUTENG	12	45
KP	NANCARROW	FEMALE	STIRLING HIGH	EASTERN CAPE	11	45
EA	CHELIUS	FEMALE	ST MARYS DSG KLOOF	KWAZULU-NATAL	11	45
BJ	YOUNG	FEMALE	ST MARYS DSG KLOOF	KWAZULU-NATAL	12	45
TC	O NEILL	FEMALE	ST MARYS DSG KLOOF	KWAZULU-NATAL	12	45
SU	PILLAY	FEMALE	ST TERESAS SCHOOL	GAUTENG	11	45
RH	RAPHIRI	FEMALE	TAXILA	LIMPOPO	12	45
J	LAYMAN	FEMALE	THE SETTLERS HIGH SCHOOL	WESTERN CAPE	12	45
K	JAMES	FEMALE	VICTORIA GIRLS HIGH	EASTERN CAPE	12	45
VA	DAMES	FEMALE	VICTORIA GIRLS HIGH	EASTERN CAPE	10	45
S	BUABENG BAIDOO	MALE	VOORTREKKER HOOGTE HOËRSKOOL	GAUTENG	12	45
KM	MASEMO A	FEMALE	VOORTREKKER HOOGTE HOËRSKOOL	GAUTENG	12	45

11. REGISTRATIONS FOR 2013

- 1st closing date: 31 October 2012 (R16.00 per learner);
- 2nd closing date: 30 November 2012 (R20.00 per learner);
- 3rd closing date: 15 December 2012 (R25.00 per learner); and
- 4th (Final) closing date: 30 January 2013 (R32.00 per learner)

NB: Please note that the final date for registration is 30 January 2013 and late entries will be not accepted.

12. CRITERIA FOR AWARDING CERTIFICATES FOR LEARNERS

Leaners who obtained at least 30% in either the Life Science or Physical Science paper will each receive an achievement or participation certificate.

13. ACKNOWLEDGEMENTS

The South African Agency for Science and Technology Advancement (SAASTA) wishes to thank and acknowledge the following organisations for their contributions towards the success of the 2011 National Science Olympiad:

National Science Olympiad sponsors:

- Harmony Gold Mining Company, our main sponsor; and
- Department of Science and Technology (DST).

Hosting learners on their sites and giving learners an opportunity to interact with role models:

- Harmony Gold Mining Company;
- Sci-Enza;
- University of Pretoria;
- Forensic Science Laboratories;
- Forensic Biology Laboratories;
- Denel;
- Necsa;
- National Zoological Gardens;
- Botanical Gardens; and
- Agricultural Research Council.

Last but not least, the Department of Basic Education, in particular Mathematics, Science and Technology (MST) provincial coordinators, districts, schools and science educators for encouraging their learners to participate in the National Science Olympiads.

NOTES



National Research
Foundation

SAASTA

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The South African Agency for Science
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aims to advance public awareness,
appreciation and engagement of science,
engineering and technology in South Africa.