



# SAASTA

South African Agency for Science  
and Technology Advancement

**SAASTA is a business unit of the  
National Research Foundation**

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Department:  
Science and Technology  
**REPUBLIC OF SOUTH AFRICA**

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## 1. FOREWORD BY THE EXECUTIVE DIRECTOR OF SAASTA

SAASTA, as one of the three pillars of National Research Foundation (NRF), has played a key role towards steering young minds towards careers in science, engineering, technology and innovation; interacting with the public on issues of science, engineering and technology (SET); and communicating advances of science and technology to the public.

As an organisation, our role is to change lives and make a contribution towards providing South Africa with skilled human capacity, especially in the critical areas of SET. Over the past 47 years, SAASTA (known as FEST until 2002 when it became part of the NRF) has been promoting science and technology through a number of initiatives and has thus been contributing towards addressing the shortage of skills in SET.

Our success in this field is evident from a number of professionals who are actively involved in the economy of this country and who have indicated that they, to a certain extent, occupy their positions in society because they were identified and nurtured through our interventions, in particular the National Science Olympiad.

Professor Tshilidzi Marwala, the Executive Dean at the faculty of Engineering and the Built Environment at the University of Johannesburg was one of those who participated in our youth programmes. He says that his life changed after participating in our National Science Olympiad and being one of the top learners who attended the Science Focus Week in Pretoria and the Science Youth Forum in London.

Recently Professor Marwala who won an award at the NSTF-BHP Billiton Awards said: ***“I cannot emphasise enough that young people must understand that the basis of a modern economy is to develop a society where numerical ability is quite advanced. No one should be intimidated by numbers”.***

Marwala added that ***“The only economic policy that makes sense is to capacitate people to think independently and in an innovative and confident manner so that they can tackle the world with all its complexity. The result is individuals who see a problem and then think of solutions with socio-economic value”.***

This is what we stand for as an organisation. We are living in a technological revolution that shapes the way in which society should take decisions in order to survive and deal with challenges brought about by this revolution. We intend to put the world of science and technology in society’s hands because “the ways in which technology is used cannot be understood without understanding how the technology is embedded in its social context” (Oscar Ricci: 2010).

The challenges that we face to ensure that the country is self-sufficient in SET human capital so that we can deal with the challenges of the 21<sup>st</sup> century and beyond are huge, but achievable. In this regard I call upon all the stakeholders in SET; in particular government departments, professional associations, higher education institutions, science councils and the business sector to join us in our campaign to promote awareness and understanding of the beneficial role of science and technology amongst our youth and the general public.

In conclusion, I want to thank and commend the over 24 000 learners who took part in the 47<sup>th</sup> National Science Olympiad, in particular those who made it to the top 100. I also wish to take this opportunity to commend all the educators who encourage and prepare their learners to participate in the Olympiad; your efforts are really encouraging. Lastly, I wish to salute and thank our sponsors, namely Harmony Gold Mining Company (Pty) Ltd and the Department of Science and Technology. Your continuous support in identifying and nurturing talent in the critical areas of Mathematics, Science and Technology is highly appreciated. Your continuous investment in Science Education will always bear long-term benefits for generations to come and we look forward to your continued investment in these activities.



**Ms Beverley Damonse**

**Executive Director: NRF/SAASTA**

## 2. MESSAGE OF SUPPORT AND ACKNOWLEDGEMENT FROM THE SCIENCE EDUCATION MANAGER

We are living in a technological revolution that is rapidly changing the way we live. This revolution has brought the added need for qualified personnel such as scientist, innovators, researchers, engineers, technicians, medical doctors, biotechnologists and other related professionals in order to cope with and address the needs of the society during the 21<sup>st</sup> century and beyond. A strong background in Mathematics, Physical Science and Life Science will open career opportunities for our youth and make them marketable in this increasingly scientific, technological and competitive society. This is exactly what the South African Agency for Science and Technology Advancement (SAASTA) intends to achieve through its Science Education Unit.

Through our many outreach and awareness programmes, the Science Education unit aims to identify and nurture talent in Science, Mathematics, Engineering and Technology (SET) and thus encourage our youth to pursue careers in these critical areas. To achieve our aim, we conceptualise, manage and implement projects that promote SET to educators and learners. We focus on the following three areas:

- **School science support:** This includes educator and learner programmes, science enrichment programmes and competitions; namely: Learner and Educator Development Programme for Primary Schools, Junior Natural Science Olympiad, Biotechnology and Biodiversity, Science Camps, Nurturing Talent in SET, National Science Week and the National Science Olympiad.
- **SET Careers:** This comprises career promotional materials, role modelling campaigns, job shadowing, SET innovation, and entrepreneurship initiatives.
- **Science resources:** This includes curriculum-based support resources, enrichment materials, web-based materials and online learning.

Through our interventions/programmes, we support the DST's Youth into Science Strategy and the Department of Basic Education's National Strategy for Mathematics, Science and Technology Education which gave birth to the Dinaledi initiative in 2002.

The National Science Olympiad is our flagship project which has enabled us to identify talent over the past years. It's encouraging to note that participation and performance have been steadily improving over the past few years. This year over 24 000 learners across the nine province and some SADC countries participated. This is our highest number of participants since the National Science Olympiads started in 1964. It would be impossible to acknowledge adequately all the people/organisations who have been supportive and influential in accomplishing this task. However, I wish to put on record my sincere gratitude and appreciation to those organisations and individuals who made it possible for us to reach this record number of learners this year:

- Harmony Gold Mining Company;
- Department of Science and Technology;
- Department of Basic Education ( National and provincial Mathematics, Technology and Science coordinators)
- Principals, Heads of Department and Physical Science educators from over 700 schools across the country;
- Principals, Heads of Department and Physical Science educators of schools from SADC countries, in particular Zimbabwe, Lesotho and Namibia;
- Examiners and moderators of the National Science Olympiad question papers;
- All the over 24 000 learners who participated in the 47<sup>th</sup> National Science Olympiad; and
- All the SAASTA's staff in particular Science Education unit.



Dr HJ Nukeri

Science Education Manager

### **3. 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 Research Facilities.

### **4. NATIONAL SCIENCE OLYMPIAD PROGRAMME**

#### **4.1. 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 47<sup>th</sup> 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 province 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 stands a chance to win over 50 awards. 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 papers/streams: 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 demonstrate potential in the Olympiad examination, are traditionally invited to participate in a Science Focus Week during July school holidays. The activities consist of stimulating lecturers, excursions, industry visits and other fun events. This culminates into a high profile Award Giving Ceremony where prizes are given to deserving learners and schools.

#### **4.2. Milestones**

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

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

4.2.2. Increased participation of learners in the National Science Olympiad during the past 47 years as indicated below:

	<b>LEARNER PARTICIPATION</b>									
<b>Year</b>	1964	2003	2004	2005	2006	2007	2008	2009	2010	2011
<b>Participants</b>	700	9 117	9 614	13 971	17 538	15 538	19 438	20 364	20 833	24 624

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 ;
- 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.

## **5. NATIONAL SCIENCE OLYMPIAD PRIZES / AWARDS: 2011**

In 2011, over 50 prizes/awards were given to deserving schools and learners in different categories. Some of the main categories are:

### 5.1. 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)

### 5.2. 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 attended the London International Youth Science Forum

During the 2011 Award Giving Ceremony, the following prizes in different categories were presented to deserving schools and learners:

### 5.3. Learners:

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

#### 5.4. Schools

- Laboratory/Science Equipment

#### 6. 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 in 2011 is Gauteng (7 748) followed by Limpopo (5 972). There is therefore an urgent need to increase participation across the nine provinces, in particular the Northern Cape (352) and the Western Cape (1 483);
- 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 2011, only 126 learners scored a mark of 50% and above in the Physical Science paper and 49 in the Life Science paper.
- 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.

## 7. WINNERS AND PRIZES

### 7.1 NATIONAL: PHYSICAL SCIENCE PAPER

#### 7.1.1. TOP 5 NATIONAL WINNERS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	SS	Sookdeo	Male	Star College	Kwazulu-Natal	12	73	Laptop
2	JS	Saroni	Male	African Leadership Academy	Gauteng	11	70	Desktop
3	OT	Abidoye	Male	African Leadership Academy	Gauteng	11	69	Desktop
4	RJ	Strydom	Male	Grey High School	Eastern Cape	12	67	Desktop
4	D	Prinsloo	Female	Hoërskool Delmas	Mpumalanga	11	67	Desktop

#### 7.1.2. TOP GIRL LEARNER NATIONALLY

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	D	Prinsloo	Female	Hoërskool Delmas	Mpumalanga	11	67	R 2 000 Book Voucher

#### 7.1.3. TOP LEARNER FROM PREVIOUSLY DISADVANTAGE SCHOOLS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	PE	Chokoe	Male	Shakoleng Secondary School	Limpopo	11	60	Laptop

#### 7.1.4. TOP GIRL LEARNER FROM PREVIOUSLY DISADVANTAGE SCHOOLS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	MB	Monyem Oratho	Female	Shakoleng Secondary School	Limpopo	11	57	Laptop

### 7.1.5. TOP LEARNERS PER GRADE NATIONALLY

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	JS	Saroni	Male	African Leadership Academy	Gauteng	11	70	iPod
1	JG	Keto	Male	African Leadership Academy	Gauteng	10	59	Desktop Computer

### 7.2 NATIONAL: LIFE SCIENCES PAPER

#### 7.2.1. TOP 5 NATIONAL WINNERS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	M	Rossouw	Female	Hoërskool Delmas	Mpumalanga	11	73	Laptop
2	S	Henning	Male	Hoërskool Delmas	Mpumalanga	11	70	Desktop Computer
3	VA	Breet	Male	St Benedicts	Gauteng	12	65	Desktop Computer
4	PA	Jokobus	Male	Hoërskool Delmas	Mpumalanga	11	64	iPod
5	SE	Bookbinder	Male	Hilton College	Kwazulu – Natal	12	63	iPod
5	S	Dada	Male	Maritzburg College	Kwazulu – Natal	12	63	iPod

#### 7.2.2. TOP GIRL LEARNERS NATIONALLY

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	M	Rossouw	Female	Hoërskool Delmas	Mpumalanga	11	73	R 2 000 Book Voucher



### 7.2.3. TOP LEARNER FROM PREVIOUSLY DISADVANTAGE SCHOOLS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	L	Roto	F	Umtata High School	Eastern Cape	12	47	Laptop

### 7.2.4. TOP GIRL LEARNER FROM PREVIOUSLY DISADVANTAGE SCHOOLS

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	L	Roto	F	Umtata High School	Eastern Cape	12	47	Ipod

### 7.2.5. TOP LEARNERS PER GRADE NATIONALLY

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	JS	Rossouw	Female	Hoërskool Delmas	Mpumalanga	11	73	Desktop Computer
1	TC	Dong	Female	African Leadership Academy	Gauteng	10	52	Desktop Computer

## 7.3 TOP LEARNERS FROM SADC SCHOOLS: LESOTHO, ZIMBABWE AND NAMIBIA

### 7.3.1. PHYSICAL SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	LT	Thamae	Male	Machabeng College	Lesotho	12	65	Laptop
2	S	Craig	Female	Chisipite Senior Secondary	Zimbabwe	11	63	Desktop Computer
3	AE	Stack	Female	Chisipite Senior Secondary	Zimbabwe	11	60	R 750 Book Voucher
4	KJ	Ramoreboli	Male	Machabeng College	Lesotho	12	59	R 500 Book Voucher

### 7.3.2. LIFE SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%	Prize
1	J	Mouton	Male	Privaatskool Moria	Namibia	11	59	Laptop
2	JK	Logan	Female	Chisipite Senior Secondary	Zimbabwe	10	58	R 1 000 Book Voucher
3	C	Mwaturura	Female	Chisipite Senior Secondary	Zimbabwe	11	54	R 750 Book Voucher
4	KH	Hartman	Female	Chisipite Senior Secondary	Zimbabwe	11	53	R 500 Book Voucher

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

#### TOP LEARNER – PHYSICAL SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	SS	Sookdeo	Male	Star College	Kwazulu –Natal	12	73

#### TOP LEARNER – LIFE SCIENCE (BIOLOGY)

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	M	Rossouw	Female	Hoërskool Delmas	Mpumalanga	11	73

#### TOP LEARNER PER GRADE – PHYSICAL SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	D	Prinsloo	Female	Hoërskool Delmas	Mpumalanga	12	67

**TOP LEARNER PER GRADE – LIFE SCIENCE (BIOLOGY)**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	JS	Saroni	Male	African Leadership Academy	Gauteng	11	70

**TOP LEARNER FROM PREVIOUSLY DISADVANTAGE SCHOOLS – PHYSICAL SCIENCE**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	PE	Chokoe	Male	Shakoleng Secondary School	Limpopo	11	59

**7.5. LEARNERS TO ATTEND A SCIENCE FOCUS WEEK IN AUSTRALIA**

## TOP LEARNER IN PHYSICAL SCIENCE GRADE 10

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	JG	KETO	Male	African Leadership Academy	Gauteng	10	59

## TOP FEMALE LEARNER LIFE SCIENCE GRADE 10

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	TC	Dong	Female	African Leadership Academy	Gauteng	10	52

## TOP FEMALE LEARNER PHYSICAL SCIENCE GRADE 11

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	E	Steyn	Female	Queenstown Girls High School	Eastern Cape	11	64

## 7.6. SCHOOLS CATEGORY

### 7.6.1. HIGHEST PARTICIPATION – DINALEDI SCHOOLS

Position	School Name	Province	Number of Learners	Prize
1	Mbilwi Secondary School	Limpopo	182	Lab Equipment worth R 5 000
2	Dendron Secondary School	Limpopo	152	Lab Equipment worth R 4 000
3	RT Ramokgopa High School	Free State	125	Lab Equipment worth R 3 000

### 7.6.2. HIGHEST PARTICIPATION – HARMONY SCHOOLS

Position	School Name	Province	Number of Learners	Prize
1	Jabulani Technical High School	Gauteng	260	Lab Equipment worth R 5 000
2	Sizwakele High School	Mpumalanga	246	Lab Equipment worth R 4 000
3	Lebogang Secondary School	Free State	226	Lab Equipment worth R 3 000

### 7.6.3. HIGHEST PARTICIPATION – OTHER SCHOOLS

Position	School Name	Province	Number of Learners	Prize
1	Zitikeni Secondary School	Gauteng	570	Lab Equipment worth R 5 000

## 7.7. PERFORMANCE

### 7.7.1. TOP PERFORMANCE – NATIONAL SCHOOLS

**NB: ONLY SCHOOLS WHO REGISTERED AT LEAST 50 LEARNERS WERE CONSIDERED.**

Position	School Name	Province	No of Learners	Average %	Prize
1	Yeshiva College	Gauteng	52	36.88	Lab Equipment worth R 10 000
2	Herzlia High School	Western Cape	51	36.47	Lab Equipment worth R 7 000
3	Pretoria Girls' High	Gauteng	54	36.46	Lab Equipment worth R 4 000

### 7.7.2. TOP PERFORMANCE – DINALEDI SCHOOLS

Position	School Name	Province	Number of Learners	Average %	Prize
1	Dendron Secondary School	Limpopo	152	28.18	Lab Equipment worth R 6 000

### 7.7.3. TOP PERFORMANCE – HARMONY SCHOOLS

Position	School Name	Province	Number of Learners	Average %	Prize
1	Carleton Jones	Gauteng	91	25.84	Lab Equipment worth R 6 000

### 7.7.4. TOP PERFORMANCE – SADC SCHOOLS

Position	School Name	Country	Number of Learners	Average %	Prize
1	Chispite Senior School	Zimbabwe	60	40.38	Lab Equipment worth R 6 000

## 8. RANKING OF LEARNERS WHO OBTAINED 45% AND ABOVE

### PHYSICAL SCIENCE

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	SS	SOOKDEO	Male	Star College	Kwazulu - Natal	Gr 12	73
2	JS	SARONI	Male	African Leadership Academy	Gauteng	Gr 11	70
3	OT	ABIDOYE	Male	African Leadership Academy	Gauteng	Gr 11	69
4	RJ	STRYDOM	Male	Grey High School	Eastern Cape	Gr 12	67
4	D	PRINSLOO	Female	Hoërskool Delmas	Mpumalanga	Gr 11	67
6	SJ	WENTZEL	Male	Westerford High School	Western Cape	Gr 12	66
6	NM	JORDAAN	Male	Bracken High School	Gauteng	Gr 11	65
6	LT	THAMAE	Male	Machabeng College	Lesotho	Gr 12	65
9	E	STEYN	Female	Queenstown Girls High School	Eastern Cape	Gr 11	64
9	OD	OLUDIPE	Male	African Leadership Academy	Gauteng	Gr 11	64
11	MJ	HEYNS	Male	Hermanus High School	Western Cape	Gr 12	63
11	S	CRAIG	Female	Chisipite Senior School	Zimbabwe	Gr 11	63
13	CJ	FINLAY	Male	Hermanus High School	Western Cape	Gr 12	62
14	MM	MOUDIO A I	Female	African Leadership Academy	Gauteng	Gr 11	61
15	D	BASSON	Female	Eunice High School	Free State	Gr 12	60
15	TN	MATIKA	Male	African Leadership Academy	Gauteng	Gr 11	60
15	A	KIEWIET	Male	Boksburg High School	Gauteng	Gr 11	60
15	JE	LIM	Female	Crawford College	Gauteng	Gr 12	60
15	PE	CHOKOE	Male	Shakoleng Secondary School	Limpopo	Gr 11	60
15	AE	STACK	Female	Chisipite Senior School	Zimbabwe	Gr 11	60
21	JG	KETO	Male	African Leadership Academy	Gauteng	Gr 10	59
21	K	ESSIEN	Male	African Leadership Academy	Gauteng	Gr 11	59
21	DM	ANTUNES	Female	Redhill Secondary School	Gauteng	Gr 12	59
21	KJ	RAMOREBOLI	Male	Machabeng College	Lesotho	Gr 12	59
21	MD	SESHOENE	Male	Shakoleng Secondary School	Limpopo	Gr 11	59
21	H	HUMAN	Female	Hoërskool Delmas	Mpumalanga	Gr 12	59
21	MG	GREEN	Male	Pinelands High School	Western Cape	Gr 12	59
28	KG	GOVENDER	Male	Star Boys College	Kwazulu - Natal	Gr 12	58
28	TH	PULE	Male	Sol Plaatje Secondary School	North West	Gr 12	58
28	JP	DU BUISSON	Male	Paul Roos Gimnasium	Western Cape	Gr 12	58
28	JC	VAN DER WALT	Male	Paul Roos Gimnasium	Western Cape	Gr 12	58
28	H	SCOTT RIDDELL	Female	Chisipite Senior School	Zimbabwe	Gr 10	58
33	MA	GAYNOR	Male	Bryanston High School	Gauteng	Gr 12	57
33	R	VAN NIEUWENHOVEN	Male	Hoërskool Eldoraigne	Gauteng	Gr 12	57
33	M	SHAH	Male	Hilton College	Kwazulu - Natal	Gr 12	57
33	AK	RAPASOA	Female	Shakoleng Secondary School	Limpopo	Gr 11	57
33	MB	MONYEMORATHOEN	Female	Shakoleng Secondary School	Limpopo	Gr 11	57
33	MI	SEMENYA	Female	Shakoleng Secondary School	Limpopo	Gr 11	57
33	PA	CHOKOEE	Female	Shakoleng Secondary School	Limpopo	Gr 11	57
33	JG	GROTTO	Female	Chisipite Senior School	Zimbabwe	Gr 10	57
41	DS	HO	Male	Crawford Lonehill College	Gauteng	Gr 12	56
41	SP	MMAKOLA	Male	Jane Furse Comprehensive	Limpopo	Gr 12	56
41	T	SEANEGO	Male	Shakoleng Secondary School	Limpopo	Gr 11	56
44	R	ELLIOTT	Female	Hudson Park High School	Eastern Cape	Gr 12	55
44	T	MBEGA	Male	African Leadership Academy	Gauteng	Gr 11	55
44	CM	Ratala	Male	Shakoleng Secondary School	Limpopo	Gr 11	55
44	MS	NPHOSI	Male	Shakoleng Secondary School	Limpopo	Gr 10	55

**PHYSICAL SCIENCE**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
44	RM	PHOOKOO	Female	Shakoleng Secondary School	Limpopo	Gr 11	55
44	EM	MONYEPAOPEY	Female	Shakoleng Secondary School	Limpopo	Gr 11	55
44	PI	MNISI	Male	Shakoleng Secondary School	Limpopo	Gr 11	55
44	GT	PHIHLELA	Male	Shakoleng Secondary School	Limpopo	Gr 11	55
44	C	SNYMAN	Female	Hoërskool Delmas	Mpumalanga	Gr 11	55
44	S	ROSSOUW	Female	Hoërskool Delmas	Mpumalanga	Gr 11	55
44	M	VAN DER WESTHUIZEN	Male	Hoërskool Delmas	Mpumalanga	Gr 11	55
44	TD	DUSTERWALD	Male	Bishops	Western Cape	Gr 12	55
56	B	KOTEI	Female	African Leadership Academy	Gauteng	Gr 11	54
56	SH	JILI	Male	Engwaqas Senior Secondary School	Kwazulu - Natal	Gr 12	54
56	KN	KIRONDE	Female	Machabeng College	Lesotho	Gr 12	54
56	RE	MATSENA	Female	Shakoleng Secondary School	Limpopo	Gr 12	54
56	CL	BLIGNAUT	Female	Chisipite Senior School	Zimbabwe	Gr 11	54
61	B	RALA	Female	Ukhanyo High School	Eastern Cape	Gr 12	53
61	SC	MATEMA	Female	Pretoria Girls High School	Gauteng	Gr 12	53
61	S	LEBONA	Male	Sutherland High School	Gauteng	Gr 12	53
61	H	YANG	Male	Sutherland High School	Gauteng	Gr 12	53
61	JC	PEVERELLE	Male	Hilton College	Kwazulu - Natal	Gr 12	53
61	R	LESLIE	Male	Hilton College	Kwazulu - Natal	Gr 12	53
61	D	MOODLEY	Male	Star Boys College	Kwazulu - Natal	Gr 10	53
61	MP	SHAKHANE	Male	Machabeng College	Lesotho	Gr 12	53
61	M	RAMOTSHELA	Female	Shakoleng Secondary School	Limpopo	Gr 10	53
61	S	VAN DER MERWE	Female	Hoërskool Delmas	Mpumalanga	Gr 12	53
61	ZF	HLATSHWAYO	Female	Vukubone	Mpumalanga	Gr 10	53
61	SZ	YENDE	Male	Vukubone	Mpumalanga	Gr 10	53
73	SS	NDALENI	Female	Zingisa Comprehensive High School	Eastern Cape	Gr 12	52
73	A	POLAKOW	Male	King David Linksfield	Gauteng	Gr 12	52
73	HH	HAN	Male	Machabeng College	Lesotho	Gr 11	52
73	TM	MATHULE	Female	Machabeng College	Lesotho	Gr 12	52
73	KZ	Maphakela	Male	Shakoleng Secondary School	Limpopo	Gr 11	52
73	ND	MATSAPOLA	Female	Shakoleng Secondary School	Limpopo	Gr 10	52
73	CS	MODIBA	Female	Shakoleng Secondary School	Limpopo	Gr 11	52
73	TM	SETATI	Female	Shakoleng Secondary School	Limpopo	Gr 12	52
73	NA	HLATSHWAYO	Female	Vukubone	Mpumalanga	Gr 10	52
73	MW	MSIBI	Male	Vukubone	Mpumalanga	Gr 11	52
73	RC	STURROCK	Male	Bergvliet High School	Western Cape	Gr 12	52
84	A	TANGA	Male	Graeme College	Eastern Cape	Gr 12	51
84	PM	VAN ROOYEN	Female	Hoërskool Pearson	Eastern Cape	Gr 12	51
84	AJ	CHAZHIKADAN	Male	Umtata High School	Eastern Cape	Gr 12	51
84	S	SHAIKH	Male	Azaadville Muslim School	Gauteng	Gr 11	51
84	D	JACOBSEN	Male	Bryanston High School	Gauteng	Gr 12	51
84	H	VENTER	Male	Hoërskool Eldoraigne	Gauteng	Gr 12	51
84	NJ	CUTHBERTSON	Male	St Stithians Boys School	Gauteng	Gr 12	51
84	O	WOOTTON	Female	Maris Stella High School	Kwazulu - Natal	Gr 12	51
84	MS	SULEMAN	Male	Star Boys College	Kwazulu - Natal	Gr 10	51
84	DD	SUNDER	Male	Star Boys College	Kwazulu - Natal	Gr 11	51
84	NL	LELIA	Male	Machabeng College	Lesotho	Gr 11	51

**PHYSICAL SCIENCE**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
84	AC	MERRETT	Male	Machabeng College	Lesotho	Gr 11	51
84	TP	MOTSOENE	Male	Machabeng College	Lesotho	Gr 12	51
84	TG	MATHIVHA	Male	Kutama Secondary School	Limpopo	Gr 12	51
84	TD	MOLAIWA	Female	Shakoleng Secondary School	Limpopo	Gr 10	51
84	MM	MOILA	Male	Shakoleng Secondary School	Limpopo	Gr 10	51
84	MF	RABOSKGAAKGA		Shakoleng Secondary School	Limpopo	Gr 10	51
84	ZE	MUDAU	Male	Thohoyandou Technical School	Limpopo	Gr 12	51
84	D	TERBLANCHE	Female	Hoërskool Delmas	Mpumalanga	Gr 11	51
84	S	VAN ZYL	Female	Hoërskool Delmas	Mpumalanga	Gr 11	51
84	GT	HAWKRIDGE	Male	Parel Vellei High School	Western Cape	Gr 12	51
84	PJ	JOUBERT	Male	Paul Roos Gimnasium	Western Cape	Gr 12	51
84	F	ENGLAND	Female	Chisipite Senior School	Zimbabwe	Gr 10	51
84	N	GUVEYA	Female	Chisipite Senior School	Zimbabwe	Gr 11	51
108	MM	MJEKULA	Male	St James Senior Secondary School	Eastern Cape	Gr 11	50
108	AF	MUNTEAN	Male	Westering High School	Eastern Cape	Gr 12	50
108	KM	FINGER	Male	RT Ramokgopa High School	Free State	Gr 12	50
108	RC	Naidoo	Male	Abbotts College	Gauteng	Gr 11	50
108	DF	DU PLESSIS	Male	Afrikaanse Hoër Seunskool	Gauteng	Gr 12	50
108	CM	VAN DER WALT	Male	Afrikaanse Hoër Seunskool	Gauteng	Gr 12	50
108	W	GERTZEN	Male	Boksburg High School	Gauteng	Gr 11	50
108	CD	SWANEPOEL	Male	Pretoria Boys High School	Gauteng	Gr 11	50
108	AR	VAN ROOYEN	Male	Westville Boys High	Kwazulu - Natal	Gr 12	50
108	TA	MABESO	Male	Dendron Secondary School	Limpopo	Gr 12	50
108	R	DZEDMANE	Male	Mbilwi Secondary School	Limpopo	Gr 12	50
108	MG	MASIPA	Male	Shakoleng Secondary School	Limpopo	Gr 11	50
108	L	SMITH	Female	Hoërskool Delmas	Mpumalanga	Gr 11	50
108	NM	ZUNGU	Male	Vukubone	Mpumalanga	Gr 10	50
108	GS	NTLAILAE	Male	Hartbeespoort High School	North West	Gr 12	50
108	RA	HORWITZ	Male	St Particks College	Northern Cape	Gr 12	50
108	SG	KIMMEL	Male	Herzlia High School	Western Cape	Gr 12	50
108	P	VAN DYK	Male	Hoërskool Hugenate	Western Cape	Gr 12	50
108	GP	PANDEY	Female	Westerford High School	Western Cape	Gr 12	50
127	CJ	GOOSEN	Male	Grey High School	Eastern Cape	Gr 12	49
127	ED	WESTRAAD	Male	Stirling High School	Eastern Cape	Gr 12	49
127	R	ACKERMAN	Male	Hoërskool Jim Fouché	Free State	Gr 12	49
127	Y	Msutu	Male	Abbotts College	Gauteng	Gr 11	49
127	NC	SKEEN	Male	Beaulieu College	Gauteng	Gr 12	49
127	CS	SSEMWOGERERE	Male	Parktown Boys High School	Gauteng	Gr 12	49
127	J	SWANEPOEL	Female	Pretoria Girls High School	Gauteng	Gr 12	49
127	KJ	KRUGER	Male	Redhill Secondary School	Gauteng	Gr 12	49
127	M	VORAJEE	Male	Sacred Heart College	Gauteng	Gr 11	49
127	CG	HOEY	Male	St Benedicts College	Gauteng	Gr 12	49
127	DA	APPALSAMY	Female	Greenbury Secondary School	Kwazulu - Natal	Gr 12	49
127	ML	MYBURGH	Male	Howick High School	Kwazulu - Natal	Gr 12	49
127	AW	CLARK	Male	Westville Boys High	Kwazulu - Natal	Gr 12	49
127	TJ	SAMAKHOANA	Male	Lesotho High School	Lesotho	Gr 12	49
127	MB	PETERS	Male	Machabeng College	Lesotho	Gr 11	49
127	PK	DIANGWANE	Female	Northern Academy	Limpopo	Gr 12	49



**PHYSICAL SCIENCE**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
127	LJ	MPE	Male	Tshebela High School	Limpopo	Gr 12	49
127	R	HATTINGH	Male	HTS Middelburg	Mpumalanga	Gr 12	49
127	AB	ASHARAPH	Male	Sol Plaatje Secondary School	North West	Gr 11	49
127	AJ	HO	Male	Bishops	Western Cape	Gr 11	49
127	PA	BEARE	Male	Bishops	Western Cape	Gr 12	49
127	SA	MABERLY	Female	Chisipite Senior School	Zimbabwe	Gr 10	49
150	A	GERBER	Female	Hoërskool Pearson	Eastern Cape	Gr 12	48
150	RJ	SELKIRK	Female	Hudson Park High School	Eastern Cape	Gr 12	48
150	SW	WELMAN	Male	Union High School	Eastern Cape	Gr 12	48
150	NC	MOSEA	Female	Tiisetsang Secondary School	Free State	Gr 12	48
150	AR	HALSTEAD	Male	Bryanston High School	Gauteng	Gr 11	48
150	AJ	UNTERSLAK	Male	Greenside High School	Gauteng	Gr 12	48
150	ED	WHYTE	Male	Hoërskool Eldoraigue	Gauteng	Gr 12	48
150	L	SINAI	Male	King David Linksfield	Gauteng	Gr 12	48
150	SM	KEENE	Male	Redhill Secondary School	Gauteng	Gr 12	48
150	DM	M HIZE	Male	Chief Nkonyama School	Kwazulu - Natal	Gr 11	48
150	JA	SMILLIE	Female	Maris Stella High School	Kwazulu - Natal	Gr 12	48
150	RS	SINGH	Male	Star Boys College	Kwazulu - Natal	Gr 10	48
150	SR	NHLUMAYO	Female	Velabahlek High School	Kwazulu - Natal	Gr 12	48
150	MJ	MOKGAWA	Male	Shakoleng Secondary School	Limpopo	Gr 11	48
150	RC	SALANI	Female	Shingwendzi Secondary School	Limpopo	Gr 12	48
150	NX	ZULU	Female	Vukubone	Mpumalanga	Gr 10	48
150	DC	FERRANDI	Male	Bishops	Western Cape	Gr 12	48
150	N	FRENZ	Female	El Shaddai Christian Secondary School	Western Cape	Gr 12	48
150	BJ	WAKEFIELD	Male	Milnerton High School	Western Cape	Gr 12	48
150	LO	COLOMBO	Male	Parel Vellei High School	Western Cape	Gr 12	48
150	PB	BALOYI	Male	The Settlers High School	Western Cape	Gr 12	48
150	L	KIRKMAN	Female	Chisipite Senior School	Zimbabwe	Gr 10	48
150	MC	COCHRANE	Female	Chisipite Senior School	Zimbabwe	Gr 11	48
150	C	KIRK	Female	Chisipite Senior School	Zimbabwe	Gr 9	48
174	Z	MAY	Female	Amzantsi	Eastern Cape	Gr 12	47
174	LR	WALTON	Male	Grey High School	Eastern Cape	Gr 12	47
174	KS	MOLLER	Male	Hoërskool Grens	Eastern Cape	Gr 12	47
174	YP	PANTSH	Male	Holy Cross Senior Secondary School	Eastern Cape	Gr 12	47
174	MJ	MHLOPHE	Male	Mampoi High School	Free State	Gr 12	47
174	BP	Passmore	Female	Abbotts College	Gauteng	Gr 11	47
174	A	MOOSA	Male	Ahmed Timol Secondary School	Gauteng	Gr 11	47
174	K	CUNNINGHAM	Female	Crawford Lonehill	Gauteng	Gr 12	47
174	M	KARSTEN	Female	Die Hoërskool Menlopark	Gauteng	Gr 12	47
174	I	QBERHOLZER	Female	Hoërskool Eldoraigue	Gauteng	Gr 11	47
174	NM	LEONG	Female	Jeppe Girls High School	Gauteng	Gr 12	47
174	FT	MAGANA	Male	Leshata Secondary School	Gauteng	Gr 12	47
174	LL	Selabe	Male	Midrand High School	Gauteng	Gr 12	47
174	MN	NAGY	Male	St Davids Marist Inanda	Gauteng	Gr 12	47
174	MF	GUSTAVO	Male	St Davids Marist Inanda	Gauteng	Gr 12	47
174	A	KRUGER	Female	St Marys DSG Pretoria	Gauteng	Gr 12	47
174	SD	MAFUNA	Male	St Stithians Boys School	Gauteng	Gr 12	47

**PHYSICAL SCIENCE**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
174	S	PANCHAM	Male	Dr AD Lazarus Secondary School	Kwazulu - Natal	Gr 12	47
174	J	JORDAAN	Male	Maritzburg College	Kwazulu - Natal	Gr 11	47
174	MM	MAKHATA	Female	Machabeng College	Lesotho	Gr 12	47
174	SJ	MASUPHA	Male	Machabeng College	Lesotho	Gr 12	47
174	R	CHHAYA	Female	Ridgeway College	Limpopo	Gr 12	47
174	TM	Sako	Male	Shakoleng Secondary School	Limpopo	Gr 11	47
174	DD	BROEKMAN	Male	Hoërskool Delmas	Mpumalanga	Gr 12	47
174	SP	YENDE	Female	Vukubone	Mpumalanga	Gr 10	47
174	ZG	NGWENYA	Female	Vukubone	Mpumalanga	Gr 10	47
174	G	MYBURGH	Male	Hoërskool Stilfontein	North West	Gr 12	47
174	K	MATSETSE	Female	Ramotshere High School	North West	Gr 11	47
174	LW	JONK	Male	Hoërskool Namakwaland	Northern Cape	Gr 12	47
174	PS	HUGO	Male	Bishops	Western Cape	Gr 12	47
174	EP	DE JONGH	Male	Curro Langebaan Hoërskool	Western Cape	Gr 12	47
174	SN	NIEUWOUDT	Male	Parel Vellei High School	Western Cape	Gr 11	47
174	DL	ROLFE	Male	Parel Vellei High School	Western Cape	Gr 12	47
174	WJ	CERFONTEYN	Male	Paul Roos Gimnasium	Western Cape	Gr 11	47
174	I	SPANGENBERG	Male	Paul Roos Gimnasium	Western Cape	Gr 12	47
174	F	PRETORIUS	Male	Paul Roos Gimnasium	Western Cape	Gr 12	47
174	JA	NIGHTINGALE	Male	The Settlers High School	Western Cape	Gr 11	47
174	RA	SPENCER	Male	Westerford High School	Western Cape	Gr 11	47
213	V	MAKALAMSHA	Female	Amzantsi	Eastern Cape	Gr 12	46
213	V	SAWUTANA	Male	Fundani High School	Eastern Cape	Gr 11	46
213	RM	DIX PEEK	Male	Grey High School	Eastern Cape	Gr 12	46
213	C	LEONARD	Female	Eunice High School	Free State	Gr 12	46
213	AD	Desai	Male	Abbotts College	Gauteng	Gr 11	46
213	DP	Parshotam	Male	Abbotts College	Gauteng	Gr 11	46
213	M	WAGENER	Male	Afrikaanse Hoër Seunskool	Gauteng	Gr 11	46
213	J	PRINSLOO	Male	Afrikaanse Hoër Seunskool	Gauteng	Gr 12	46
213	H	REYNOLDS	Female	Boksburg High School	Gauteng	Gr 11	46
213	AH	HORN	Female	Bryanston High School	Gauteng	Gr 12	46
213	ND	REYNOLDS	Female	Bryanston High School	Gauteng	Gr 12	46
213	BA	VAN RENSSSEN	Male	Die Hoërskool Menlopark	Gauteng	Gr 12	46
213	MI	ABADER	Male	Parktown Boys High School	Gauteng	Gr 12	46
213	M	RADOMSKY	Male	Redhill Secondary School	Gauteng	Gr 12	46
213	MK	VUNDHLA	Male	Sekolo SA Borokgo Secondary School	Gauteng	Gr 12	46
213	YL	LI	Male	St Benedicts College	Gauteng	Gr 12	46
213	DW	WANG	Male	St Davids Marist Inanda	Gauteng	Gr 11	46
213	T	LEBONA	Female	Sutherland High School	Gauteng	Gr 12	46
213	Z	SINGH	Male	Crawford North Coast	Kwazulu - Natal	Gr 12	46
213	LM	Kusel	Male	Hermannsburg School	Kwazulu - Natal	Gr 12	46
213	M	AVGENIKOS	Male	Hilton College	Kwazulu - Natal	Gr 11	46
213	R	CHITTENDEN	Male	Michaelhouse	Kwazulu - Natal	Gr 12	46
213	KN	NAIDOO	Male	Northwood High School	Kwazulu - Natal	Gr 12	46
213	TB	MAHASE	Male	Machabeng College	Lesotho	Gr 12	46
213	TT	MADIBANE	Male	Bopedi Bapedi High School	Limpopo	Gr 12	46
213	L	TAKALANI	Male	Mbilwi Secondary School	Limpopo	Gr 12	46
213	NT	MASUKU	Female	Bantwabetfu High School	Mpumalanga	Gr 12	46

**PHYSICAL SCIENCE**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
213	K	WITHEY	Female	Bergvliet High School	Western Cape	Gr 12	46
213	MJ	GOLESWORTHY	Male	Bishops	Western Cape	Gr 12	46
213	CN	SHARWOOD	Male	Bishops	Western Cape	Gr 12	46
213	LL	MANGWANA	Male	Cape Academy of MST	Western Cape	Gr 12	46
213	JH	HIOZEK	Male	Fairmont High School	Western Cape	Gr 12	46
213	CC	TAYLOR	Male	Knysna High School	Western Cape	Gr 12	46
213	JC	SCHOEMAN	Male	Parel Vellei High School	Western Cape	Gr 11	46
213	K	GWARISA	Female	Chisipite Senior School	Zimbabwe	Gr 10	46
213	SM	MANZAI	Female	Chisipite Senior School	Zimbabwe	Gr 10	46
213	CB	DOLLAR	Female	Chisipite Senior School	Zimbabwe	Gr 11	46
252	YA	MZALWANA	Female	Fundani High School	Eastern Cape	Gr 11	45
252	S	NGALO	Male	Fundani High School	Eastern Cape	Gr 11	45
252	R	VAN JAARVELD	Male	Grey High School	Eastern Cape	Gr 12	45
252	LJ	FLETCHER	Male	Grey High School	Eastern Cape	Gr 12	45
252	TP	DUNN	Male	Harvest Christian School	Eastern Cape	Gr 12	45
252	CL	MICHAELS	Female	Uitenhage High School	Eastern Cape	Gr 11	45
252	NL	MOFOKENG	Female	Tiisetsang Secondary School	Free State	Gr 12	45
252	SG	Gosai	Female	Abbotts College	Gauteng	Gr 11	45
252	CW	WYSS	Male	Bryanston High School	Gauteng	Gr 12	45
252	JC	SNEYDERS DE VOGEL	Male	Crawford College Pretoria	Gauteng	Gr 11	45
252	DJ	HARTH	Male	Crawford Lonehill	Gauteng	Gr 12	45
252	J	IMBACH	Male	DZJ Mtebule High School	Gauteng	Gr 12	45
252	J	HERMAN	Male	Hoërskool Die Wilgers	Gauteng	Gr 12	45
252	IJ	VORSTER	Female	Hoërskool Driehoek	Gauteng	Gr 11	45
252	ZJ	VAN LAAR	Male	Hoërskool Noordheuwel	Gauteng	Gr 12	45
252	B	GOLDBERG	Male	King David Linksfield	Gauteng	Gr 12	45
252	A	ZAR	Male	King David Linksfield	Gauteng	Gr 12	45
252	LK	OHENEADU	Male	Krugersdorp High School	Gauteng	Gr 12	45
252	TB	BOSEGA	Male	Makgetse High School	Gauteng	Gr 12	45
252	M	MASHIANE	Male	Sacred Heart College	Gauteng	Gr 11	45
252	CT	MADZORERA	Female	Sekolo SA Borokgo Secondary School	Gauteng	Gr 12	45
252	TK	PULLINGER	Female	St Marys Waverley	Gauteng	Gr 11	45
252	KN	NAIDOO	Male	Kingsway High School	Kwazulu - Natal	Gr 12	45
252	C	ALLKINS	Male	Kingsway High School	Kwazulu - Natal	Gr 12	45
252	MN	NARSAI	Male	Kloof High School	Kwazulu - Natal	Gr 11	45
252	JR	NEEDHAM	Male	Michaelhouse	Kwazulu - Natal	Gr 12	45
252	NE	KAMDAR	Male	Northwood High School	Kwazulu - Natal	Gr 12	45
252	AR	JIVAN	Male	Raisethope Secondary School	Kwazulu - Natal	Gr 12	45
252	NE	GWALA	Female	Velabahlek High School	Kwazulu - Natal	Gr 12	45
252	V	BAHADUR	Male	Wingen Heights	Kwazulu - Natal	Gr 11	45
252	JP	HEYNEKE	Male	Frans Du Toit High School	Limpopo	Gr 12	45
252	A	DASWA	Male	Mbilwi Secondary School	Limpopo	Gr 12	45
252	TH	BEMBE	Male	Phafane High School	Limpopo	Gr 12	45
252	NL	MASIGALE	Male	Bantfwabetfu High School	Mpumalanga	Gr 12	45
252	D	MATTHYSEN	Female	Hoërskool Delmas	Mpumalanga	Gr 11	45
252	N	BERGH	Male	Hoërskool Delmas	Mpumalanga	Gr 12	45
252	G	JONKER	Male	Hoërskool Ermelo	Mpumalanga	Gr 12	45
252	S	COMBRINK	Male	Hoërskool Ermelo	Mpumalanga	Gr 12	45

**PHYSICAL SCIENCE**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
252	N	DUBE	Male	Volksrust High School	Mpumalanga	Gr 12	45
252	SI	MTHETHWA	Female	Vukubone	Mpumalanga	Gr 10	45
252	NL	LANG A	Female	Fields College	North West	Gr 12	45
252	K	RAKHUDU	Female	Grenville Secondary School	North West	Gr 12	45
252	ND	MBONANE	Male	Holy Family Combined	North West	Gr 12	45
252	MA	PEBANE	Female	Selly Park Secondary School	North West	Gr 12	45
252	SP	WOLSKI	Male	Bishops	Western Cape	Gr 10	45
252	ST	REMMELZWAAL	Male	Bishops Diocesan College	Western Cape	Gr 11	45
252	M	ALHADEFF	Male	Herzlia High School	Western Cape	Gr 12	45
252	C	HUTCHISON	Male	Westerford High School	Western Cape	Gr 12	45
252	DV	VAN WYK	Male	Westerford High School	Western Cape	Gr 12	45
252	Y	GARACH	Female	Wynberg Girls High	Western Cape	Gr 12	45

**LIFE SCIENCE (BIOLOGY)**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
1	M	ROSSOUW	Female	Hoërskool Delmas	Mpumalanga	Gr 11	73
2	S	HENNING	Male	Hoërskool Delmas	Mpumalanga	Gr 11	70
3	VA	BREET	Male	St Benedicts College	Gauteng	Gr 12	65
4	JJ	DE NYSSCHEN	Male	Hoërskool Delmas	Mpumalanga	Gr 11	64
5	SE	BOOKBINDER	Male	Hilton College	Kwazulu - Natal	Gr 12	63
5	S	DADA	Male	Maritzburg College	Kwazulu - Natal	Gr 12	63
7	T	THRASH	Female	Pietermaritzburg Girls High School	Kwazulu - Natal	Gr 12	61
8	N	RULE	Female	Pietermaritzburg Girls High School	Kwazulu - Natal	Gr 12	60
9	J	MOUTON	Male	Privaatskool Moria	Namibia	Gr 11	59
10	A	BERGER	Male	Jeppe High School For Boys	Gauteng	Gr 12	58
10	MJ	DAVIDSON	Female	Herzlia High School	Western Cape	Gr 12	58
10	JK	LOGAN	Female	Chisipite Senior School	Zimbabwe	Gr 10	58
13	FS	HAQ	Female	Sama School	Gauteng	Gr 12	57
13	D	VAN WYK	Female	Hoërskool Delmas	Mpumalanga	Gr 11	57
15	DN	MEPUKORI	Female	African Leadership Academy	Gauteng	Gr 11	56
15	JE	LAMBRECHTS	Male	Paul Roos Gimnasium	Western Cape	Gr 12	56
17	A	IDICULLA	Male	Deutsche Schule Pretoria	Gauteng	Gr 12	55
17	HF	KASSIER	Male	Hilton College	Kwazulu - Natal	Gr 12	55
17	A	VAN HEERDEN	Female	Kloof High School	Kwazulu - Natal	Gr 12	55
20	KB	BARRETT	Male	St Albans College	Gauteng	Gr 12	54
20	J	LE MOTTEE	Female	St Teresas School	Gauteng	Gr 12	54
20	RM	ANDREWS	Female	Westerford High School	Western Cape	Gr 12	54
20	C	MWATURURA	Female	Chisipite Senior School	Zimbabwe	Gr 11	54
24	F	APPEADU MENSAH		African Leadership Academy	Gauteng	Gr 11	53
24	C	VAN DEN BERG	Male	Christopher	Kwazulu - Natal	Gr 12	53
24	P	SUSMAK	Male	Lowveld High School	Mpumalanga	Gr 12	53
24	AM	AUCAMP	Male	PRIVAATSKOOL MORIA	Namibia	Gr 12	53
24	J	VERMEULEN	Male	Hoërs Volksskool	North West	Gr 12	53
24	F	CASSIM	Female	Wynberg Girls High	Western Cape	Gr 12	53
24	KH	HARTMAN	Female	Chisipite Senior School	Zimbabwe	Gr 11	53

**LIFE SCIENCE (BIOLOGY)**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
24	TC	DONG	Female	African Leadership Academy	Gauteng	Gr 10	52
15	C	VAN DER BERG	Female	Afrikaans Hoër Meisies Pretoria	Gauteng	Gr 11	52
15	MR	SIDDIQUI	Male	Sama School	Gauteng	Gr 11	52
15	Z	BREDENKAMP	Female	St Andrews School For Girls	Gauteng	Gr 12	52
15	JP	POLLIACK	Male	Yeshiva College	Gauteng	Gr 11	52
15	CA	FRAYNE	Female	Kloof High School	Kwazulu - Natal	Gr 12	52
15	AN	NAIR	Female	Machabeng College	Lesotho	Gr 11	52
15	MB	DODGEN	Male	Hoërskool Pietersburg	Limpopo	Gr 12	52
15	C	BUITENDAG	Female	Hoërskool Nelspruit	Mpumalanga	Gr 12	52
15	ME	LAMPRECHT	Male	Paul Roos Gimnasium	Western Cape	Gr 12	52
16	A	MARR	Female	Hudson Park High School	Eastern Cape	Gr 11	51
16	TS	DANIELS	Female	Uitenhage High School	Eastern Cape	Gr 11	51
16	M	BETTMAN	Female	Pretoria Girls High School	Gauteng	Gr 12	51
16	NJ	BURGE	Male	St Stithians Boys School	Gauteng	Gr 12	51
16	SA	BARTKUNSKY	Female	Yeshiva College	Gauteng	Gr 11	51
16	S	CHEN	Female	Crawford North Coast	Kwazulu - Natal	Gr 12	51
16	RC	CHETTY	Female	Durban Girls High School	Kwazulu - Natal	Gr 12	51
16	GC	MORLEY	Male	Hilton College	Kwazulu - Natal	Gr 12	51
16	R	PILLAY	Female	Maris Stella High School	Kwazulu - Natal	Gr 12	51
16	DS	BRILL	Male	Michaelhouse	Kwazulu - Natal	Gr 12	51
16	DB	WILLMORE	Female	Pietermaritzburg Girls High School	Kwazulu - Natal	Gr 12	51
16	J	ZAMBATIS	Female	Hoërskool Nelspruit	Mpumalanga	Gr 12	51
16	AL	DELL	Male	Hoërskool Strand	Western Cape	Gr 12	51
16	SB	GUY	Female	Parel Vellei High School	Western Cape	Gr 12	51
30	A	BLEWETT	Male	Alexander Road High	Eastern Cape	Gr 12	50
30	A	XONTI	Female	Stirling High School	Eastern Cape	Gr 12	50
30	KJ	JAMES	Female	Victoria Girls High School	Eastern Cape	Gr 11	50
30	AA	AHMED	Male	African Leadership Academy	Gauteng	Gr 11	50
30	CS	STEWART	Female	Bryanston High School	Gauteng	Gr 12	50
30	L	DU PLESSIS	Female	Hoërskool Driehoek	Gauteng	Gr 11	50
30	M	KAJEE	Male	Jeppe High School For Boys	Gauteng	Gr 12	50
30	WR	PEARSE	Male	Parktown Boys High School	Gauteng	Gr 12	50
30	A	TADERERA	Male	Pretoria Boys High School	Gauteng	Gr 12	50
30	IM	YUSUF	Female	Sama School	Gauteng	Gr 11	50
30	RL	WOLHUTER	Male	Willowridge High School	Gauteng	Gr 12	50
30	JF	BOOTH	Male	Hilton College	Kwazulu - Natal	Gr 12	50
30	AV	SEWRATHA	Male	Maritzburg College	Kwazulu - Natal	Gr 12	50
30	D	VAN HEESWIJK	Male	Maritzburg College	Kwazulu - Natal	Gr 12	50
30	SV	GOVENDER	Female	Maritzburg Muslim School	Kwazulu - Natal	Gr 12	50
30	PR	HEWAT	Male	Michaelhouse	Kwazulu - Natal	Gr 12	50
30	MJ	VENTER	Male	Michaelhouse	Kwazulu - Natal	Gr 12	50
30	R	DE VOS	Male	Hoërskool Nelspruit	Mpumalanga	Gr 11	50
30	A	BOTHA	Female	Hoërskool Nelspruit	Mpumalanga	Gr 12	50
30	CH	THOMSON	Female	Bergvliet High School	Western Cape	Gr 12	50
50	JL	LIMBERT	Female	Collegiate High School	Eastern Cape	Gr 12	49
50	CD	DENNIS	Female	Uitenhage High School	Eastern Cape	Gr 11	49
50	M	BUKENYA	Male	African Leadership Academy	Gauteng	Gr 11	49
50	JL	VAN DER WALT	Male	Afrikaanse Hoër Seunskool	Gauteng	Gr 11	49
50	SJ	SOUPION	Male	Crawford College	Gauteng	Gr 12	49



**LIFE SCIENCE (BIOLOGY)**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
50	AI	KOSTNER	Female	Hoërskool Driehoek	Gauteng	Gr 11	49
50	J	KLEYN	Male	Hoërskool Linden	Gauteng	Gr 12	49
50	AE	ENGELBRECHT	Male	Hoërskool Montana	Gauteng	Gr 11	49
50	L	ZAMBETTI	Male	King Edward School	Gauteng	Gr 11	49
50	C	MILTON		Pretoria Boys High School	Gauteng	Gr 12	49
50	WJ	BASSON	Male	St Albans College	Gauteng	Gr 12	49
50	ES	COUGHLAN	Male	St Albans College	Gauteng	Gr 12	49
50	TD	WOLFF	Male	St Albans College	Gauteng	Gr 12	49
50	DC	CAISTER	Male	St Davids Marist Inanda	Gauteng	Gr 12	49
50	SA	NEWMAN	Female	St Marys DSG Pretoria	Gauteng	Gr 12	49
50	E	PRINCE	Female	Pietermaritzburg Girls High School	Kwazulu - Natal	Gr 12	49
50	TN	CHANDERBALLY	Female	Raisethope Secondary School	Kwazulu - Natal	Gr 12	49
50	KM	MUSUNDIRE	Male	Machabeng College	Lesotho	Gr 11	49
50	MA	VAN DER COLF	Male	St Georges College	Namibia	Gr 12	49
50	G	KIM	Female	Potchefstroom Girls High School	North West	Gr 12	49
50	DN	MOHLABA	Female	El Shaddai Christian Secondary School	Western Cape	Gr 11	49
50	AW	WU	Female	Fairbairn College	Western Cape	Gr 12	49
50	K	HANS	Female	The Settlers High School	Western Cape	Gr 12	49
50	ES	SHEARD	Female	Westerford High School	Western Cape	Gr 12	49
50	LL	HUME	Female	Chisipite Senior School	Zimbabwe	Gr 10	49
76	AM	GRIEBENOW	Female	Collegiate High School	Eastern Cape	Gr 12	48
76	BM	MACHARIA	Male	African Leadership Academy	Gauteng	Gr 11	48
76	S	EWALA	Male	African Leadership Academy	Gauteng	Gr 11	48
76	W	SCHRENK	Male	Afrikaanse Hoër Seunskool	Gauteng	Gr 12	48
76	A	SEEDAT	Female	Azaadville Muslim School	Gauteng	Gr 11	48
76	SN	GERBER	Female	Jeppe Girls High School	Gauteng	Gr 12	48
76	CM	CLASSEN	Female	Pretoria Girls High School	Gauteng	Gr 12	48
76	YS	SON	Male	St Albans College	Gauteng	Gr 12	48
76	JE	DU TOIT	Female	St Andrews School For Girls	Gauteng	Gr 12	48
76	JP	HARRIS	Male	St Benedicts College	Gauteng	Gr 12	48
76	SM	MOODLEY	Male	Crawford North Coast	Kwazulu - Natal	Gr 12	48
76	JR	REDDY	Male	Crawford North Coast	Kwazulu - Natal	Gr 12	48
76	LT	BALFOUR	Male	Hilton College	Kwazulu - Natal	Gr 12	48
76	JB	THORNEYCROFT	Male	Hilton College	Kwazulu - Natal	Gr 12	48
76	HJ	ROUX	Male	Kloof High School	Kwazulu - Natal	Gr 12	48
76	SB	BADAT	Female	Maritzburg Muslim School	Kwazulu - Natal	Gr 12	48
76	L	ROUX	Male	St Henrys Marist Brothers	Kwazulu - Natal	Gr 11	48
76	JC	CAKETT	Female	St Marys DSG Kloof	Kwazulu - Natal	Gr 12	48
76	K	PATHER	Male	Star Boys College	Kwazulu - Natal	Gr 10	48
76	CO	ROMAN	Female	Treverton College	Kwazulu - Natal	Gr 12	48
76	M	SEKHESA	Female	Lesotho High School	Lesotho	Gr 12	48
76	CA	DUARTE	Male	Lowveld High School	Mpumalanga	Gr 12	48
76	L	WEDER	Female	St Georges College	Namibia	Gr 12	48
76	B	VI AKAZI	Female	Ferdinand Postma	North West	Gr 12	48
76	A	BEKKER	Male	Hoërskool De Aar	Northern Cape	Gr 12	48
76	M	FINDEIS	Female	Bergvliet High School	Western Cape	Gr 12	48
76	AL	LANSDOWNE	Male	Bergvliet High School	Western Cape	Gr 12	48
76	WC	BROWN	Male	Bergvliet High School	Western Cape	Gr 12	48
76	E	JUNGBAHADUR	Female	Cape Academy of MST	Western Cape	Gr 12	48

**LIFE SCIENCE (BIOLOGY)**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
76	MS	KANTOR	Female	Herzlia High School	Western Cape	Gr 11	48
76	HD	DU PLESSIS	Female	Paarl Girls High School	Western Cape	Gr 12	48
76	VM	MUKOKO	Female	Chisipite Senior School	Zimbabwe	Gr 11	48
109	JP	NUNES GONCALVES	Male	Alexander Road High	Eastern Cape	Gr 12	47
109	CC	MULLER	Female	Collegiate High School	Eastern Cape	Gr 12	47
109	E	MVUNDLELA	Female	Mount Frere Senior Secondary School	Eastern Cape	Gr 10	47
109	AL	NGCIBI	Male	Umtata High School	Eastern Cape	Gr 11	47
109	L	ROTO	Female	Umtata High School	Eastern Cape	Gr 12	47
109	P	CRONJE	Female	Bloemfontein High School	Free State	Gr 12	47
109	AT	TEYIE A I	Female	African Leadership Academy	Gauteng	Gr 11	47
109	EP	POMBO	Female	Bryanston High School	Gauteng	Gr 12	47
109	MS	SHAMS	Female	Crawford Lonehill	Gauteng	Gr 12	47
109	L	COWAN	Female	Florida Secondary School	Gauteng	Gr 12	47
109	S	ENGELBRECHT	Male	Hoërskool Die Wilgers	Gauteng	Gr 12	47
109	LC	LOUBSER	Male	Hoërskool Linden	Gauteng	Gr 11	47
109	IG	MAASZ	Male	Hoërskool Montana	Gauteng	Gr 12	47
109	CC	Van Loggerenberg	Female	Hoërskool Noordheuwel	Gauteng	Gr 12	47
109	M	LE ROUX	Male	Hoërskool Noordheuwel	Gauteng	Gr 12	47
109	M	VARIAWA	Male	King Edward School	Gauteng	Gr 10	47
109	TE	Erwee	Female	Laudium Secondary School	Gauteng	Gr 12	47
109	N	PAHAD	Female	Parktown Girls High School	Gauteng	Gr 12	47
109	JD	DAVIS	Female	Pretoria Girls High School	Gauteng	Gr 12	47
109	NV	VILJOEN	Male	St Albans College	Gauteng	Gr 12	47
109	TG	HUNT	Female	St Andrews School For Girls	Gauteng	Gr 12	47
109	FA	AREIAS	Male	St Benedicts College	Gauteng	Gr 12	47
109	L	ARMSTRONG	Male	St Davids Marist Inanda	Gauteng	Gr 12	47
109	KW	SAUNDERS	Male	St Davids Marist Inanda	Gauteng	Gr 12	47
109	JG	MCLAREN	Male	St Stithians Boys School	Gauteng	Gr 12	47
109	KG	SKOSANA	Male	Sutherland High School	Gauteng	Gr 11	47
109	P	YERAKIAH	Female	Willomore High School	Gauteng	Gr 12	47
109	JM	JACOBSON	Male	Yeshiva College	Gauteng	Gr 10	47
109	RA	BESTEL	Male	Hilton College	Kwazulu - Natal	Gr 10	47
109	A	RAMSINGH	Female	Howick High School	Kwazulu - Natal	Gr 12	47
109	A	JAGTEE	Male	Kingsway High School	Kwazulu - Natal	Gr 12	47
109	M	STEYN	Female	Kloof High School	Kwazulu - Natal	Gr 12	47
109	M	ISMAIL	Male	Maritzburg College	Kwazulu - Natal	Gr 12	47
109	TC	CHINASAMY	Female	Raisethope Secondary School	Kwazulu - Natal	Gr 10	47
109	HN	NAIDOO	Male	Star Boys College	Kwazulu - Natal	Gr 10	47
109	EC	TAMSEN	Male	Hoërskool Nylstroom	Limpopo	Gr 12	47
109	M	DE WET	Female	Hoërskool Nelspruit	Mpumalanga	Gr 12	47
109	C	VERSTER	Female	Hoërskool Nelspruit	Mpumalanga	Gr 12	47
109	MM	Nkosi	Male	Joseph Matsebula Secondary School	Mpumalanga	Gr 12	47
109	Y	APPASAMY	Female	Penryn College	Mpumalanga	Gr 12	47
109	O	SCRIBANTE	Male	Curro Langebaan Hoërskool	Western Cape	Gr 12	47
109	D	KATSERE	Female	El Shaddai Christian Secondary School	Western Cape	Gr 12	47
109	AJ	TALJAARD	Female	Fairbairn College	Western Cape	Gr 12	47
109	G	DE ARAUJO	Female	Fairbairn College	Western Cape	Gr 12	47
109	J	LACOCK	Male	Hermanus High School	Western Cape	Gr 11	47
109	JG	GRACE	Female	Hermanus High School	Western Cape	Gr 12	47

**LIFE SCIENCE (BIOLOGY)**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
109	JA	OOSTERBAAN	Male	South African College	Western Cape	Gr 12	47
109	TS	MATIZA	Female	Chisipite Senior School	Zimbabwe	Gr 11	47
109	G	MOYO	Female	Chisipite Senior School	Zimbabwe	Gr 11	47
109	KA	AVES	Female	Chisipite Senior School	Zimbabwe	Gr 11	47
160	S	GUSHA		Bizana Secondary School	Eastern Cape	Gr 12	46
160	I	VAN DYK	Female	Collegiate High School	Eastern Cape	Gr 12	46
160	LM	VAN ROOYEN	Female	Collegiate High School	Eastern Cape	Gr 12	46
160	NE	BOOTH JONES	Female	Harvest Christian School	Eastern Cape	Gr 11	46
160	R	MBIRA	Female	Hudson Park High School	Eastern Cape	Gr 11	46
160	MA	GOBODO	Female	Tarkastad High School	Eastern Cape	Gr 11	46
160	JD	DOLLEY	Female	Uitenhage High School	Eastern Cape	Gr 11	46
160	NG	DYASI	Female	Umtata High School	Eastern Cape	Gr 12	46
160	JJ	WENTWORTH	Female	Victoria Girls High School	Eastern Cape	Gr 12	46
160	LJ	BOTHA	Male	Hoërskool Kroonstad	Free State	Gr 12	46
160	G	LE ROUX	Female	Beaulieu College	Gauteng	Gr 12	46
160	T	NAIDOO	Male	Crawford Lonehill	Gauteng	Gr 10	46
160	TL	WAGNER	Female	Crawford Lonehill	Gauteng	Gr 12	46
160	I	BEYERS	Female	Deutsche Schule Pretoria	Gauteng	Gr 12	46
160	C	JANSEN VAN VUUREN	Female	Hoërskool Driehoek	Gauteng	Gr 10	46
160	DC	BRINK	Male	Hoërskool Oos Moot	Gauteng	Gr 12	46
160	IC	DA SILVA	Female	Jeppe Girls High School	Gauteng	Gr 12	46
160	TN	VAN ASWEGEN	Male	Jeppe High School For Boys	Gauteng	Gr 12	46
160	MA	ROA MORAGA	Male	Jeppe High School For Boys	Gauteng	Gr 12	46
160	MP	MOKITLANA	Male	Makgetse High School	Gauteng	Gr 12	46
160	S	DHEDA	Female	Parktown Girls High School	Gauteng	Gr 12	46
160	LP	PAPADEMETRIOU	Male	Saheti Secondary School	Gauteng	Gr 12	46
160	GR	WILLIAMS	Male	St Benedicts College	Gauteng	Gr 12	46
160			Male	St Davids Marist Inanda	Gauteng	Gr 12	46
160	CK	KIRUNDA	Female	St Marys DSG Pretoria	Gauteng	Gr 12	46
160	NL	MULAUDZI	Female	Sutherland High School	Gauteng	Gr 12	46
160	DD	DISLER	Female	Yeshiva College	Gauteng	Gr 10	46
160	BA	BURMAN	Male	Yeshiva College	Gauteng	Gr 10	46
160	N	SHEAR	Female	Yeshiva College	Gauteng	Gr 11	46
160	CE	EDELING	Female	Durban Girls High School	Kwazulu - Natal	Gr 12	46
160	L	WEPENER	Female	Epworth Secondary School	Kwazulu - Natal	Gr 12	46
160	PB	SHANGE	Female	Eshowe High School	Kwazulu - Natal	Gr 12	46
160	TN	KALONDA	Female	Grantleigh College	Kwazulu - Natal	Gr 11	46
160	M	NAIDOO	Female	Greenbury Secondary School	Kwazulu - Natal	Gr 11	46
160	DS	Dedekind	Female	Hermannsburg School	Kwazulu - Natal	Gr 12	46
160	IA	MAHOMED	Male	Hilton College	Kwazulu - Natal	Gr 12	46
160	DV	GUIMARAES	Female	Kloof High School	Kwazulu - Natal	Gr 11	46
160	KE	WINTERBURN	Female	Kloof High School	Kwazulu - Natal	Gr 12	46
160	CF	DE VRIES	Female	Maris Stella High School	Kwazulu - Natal	Gr 12	46
160	JA	BAXTER	Male	Maritzburg College	Kwazulu - Natal	Gr 12	46
160	NR	VERNALL	Female	Pietermaritzburg Girls High School	Kwazulu - Natal	Gr 12	46
160	TN	NAICKER	Male	Scottburgh High School	Kwazulu - Natal	Gr 12	46
160	KG	BRAZIER	Female	St Marys DSG Kloof	Kwazulu - Natal	Gr 11	46
160	E	VLOK	Female	Hoërskool Nelspruit	Mpumalanga	Gr 12	46
160	RL	HAY	Male	Penryn College	Mpumalanga	Gr 10	46



**LIFE SCIENCE (BIOLOGY)**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
160	KA	RICHARDS	Female	Penryn College	Mpumalanga	Gr 12	46
160	MS	MARSDEN	Female	Uplands College	Mpumalanga	Gr 12	46
160	M	ROSSOUW	Male	PRIVAATSKOOL MORIA	Namibia	Gr 11	46
160	JP	MOSTERT	Male	Hoër Volksskool	North West	Gr 12	46
160	CR	CONRADIE	Female	Bergvliet High School	Western Cape	Gr 12	46
160	HP	PRICE	Female	Bergvliet High School	Western Cape	Gr 12	46
160	B	SLABBER	Female	Brackenfell High School	Western Cape	Gr 11	46
160	MM	MUKELABAI	Male	Cape Academy of MST	Western Cape	Gr 12	46
160	MA	AUSTIN	Male	Fairmont High School	Western Cape	Gr 11	46
160	PL	MACFARLANE	Female	Fish Hoek High School	Western Cape	Gr 12	46
160	MM	MANKUNE	Female	Groote Schuur High School	Western Cape	Gr 12	46
160	CM	Mouton	Female	Hoërskool Hugenate	Western Cape	Gr 11	46
160	FK	MARINUS	Female	Parel Vellei High School	Western Cape	Gr 12	46
160	S	ZALGAONKIR	Female	South Peninsula High School	Western Cape	Gr 10	46
160	MB	YUSUF	Male	South Peninsula High School	Western Cape	Gr 10	46
160	TA	COLLINGS	Female	Westerford High School	Western Cape	Gr 12	46
160	NP	DOUIE	Female	Chisipite Senior School	Zimbabwe	Gr 10	46
223	BP	MATEBE	Female	Alexander Road High	Eastern Cape	Gr 10	45
223	R	NEL	Female	Cambridge High School	Eastern Cape	Gr 12	45
223	CR	LYNCH	Female	Collegiate High School	Eastern Cape	Gr 11	45
223	R	MALGAS	Female	Collegiate High School	Eastern Cape	Gr 12	45
223	A	WARD	Female	Collegiate High School	Eastern Cape	Gr 12	45
223	IM	MANGE	Female	Uitenhage High School	Eastern Cape	Gr 11	45
223	G	AHMED	Male	Uitenhage High School	Eastern Cape	Gr 12	45
223	BV	VENTER	Male	Union High School	Eastern Cape	Gr 12	45
223	LC	BALKWILL	Female	Victoria Park High	Eastern Cape	Gr 10	45
223			Female	Hoërskool Bloemfontein	Free State	Gr 12	45
223	AI	IND	Male	Beaulieu College	Gauteng	Gr 12	45
223	AA	ADEDIPE	Male	Crawford College Pretoria	Gauteng	Gr 12	45
223	LB	BORN	Female	Crawford Lonehill	Gauteng	Gr 12	45
223	U	BHAM	Male	Greenside High School	Gauteng	Gr 12	45
223	LC	KRUGER	Female	Hoërskool Linden	Gauteng	Gr 12	45
223	L	JANSE VAN RENSBURG	Female	Hoërskool Linden	Gauteng	Gr 12	45
223	R	STOLS	Male	Hoërskool Montana	Gauteng	Gr 11	45
223	B	Hechter	Female	Hoërskool Noordheuwel	Gauteng	Gr 12	45
223	RR	CASTRO	Female	Jeppe Girls High School	Gauteng	Gr 12	45
223	T	GERGES	Female	Jeppe Girls High School	Gauteng	Gr 12	45
223	J	CLACHER	Male	King David Linksfield	Gauteng	Gr 12	45
223	OS	SIVRIKA	Male	King Edward School	Gauteng	Gr 11	45
223	ME	ESSOP	Female	Parktown Girls High School	Gauteng	Gr 12	45
223	B	PHETLHE	Female	Prestige College	Gauteng	Gr 12	45
223	RM	MILL	Female	Pretoria Girls High School	Gauteng	Gr 11	45
223	MH	HAQ	Female	Sama School	Gauteng	Gr 12	45
223	TB	PRIOR	Female	St Marys Waverley	Gauteng	Gr 12	45
223	AT	BEETON	Male	St Stithians Boys School	Gauteng	Gr 12	45
223	RF	SMITH	Female	St Teresas School	Gauteng	Gr 12	45
223	M	ROSSOUW	Female	St Teresas School	Gauteng	Gr 12	45
223	LD	HEILBRUNN	Female	Yeshiva College	Gauteng	Gr 11	45
223	SH	GERSON	Female	Yeshiva College	Gauteng	Gr 11	45

**LIFE SCIENCE (BIOLOGY)**

Position	Initials	Surname	Gender	School Name	Province	Grade	%
223	CJ	PERUMAL	Male	Kingsway High School	Kwazulu - Natal	Gr 12	45
223	GR	LEISEGANG	Female	Maris Stella High School	Kwazulu - Natal	Gr 12	45
223	SA	VAN RENSBURG	Female	Maris Stella High School	Kwazulu - Natal	Gr 12	45
223	CA	WILSON	Female	Maris Stella High School	Kwazulu - Natal	Gr 12	45
223	CB	BLAIR	Female	Maris Stella High School	Kwazulu - Natal	Gr 12	45
223	IJ	JOOMA	Male	Maritzburg College	Kwazulu - Natal	Gr 12	45
223	JA	JOUBERT	Male	Maritzburg College	Kwazulu - Natal	Gr 12	45
223	RF	LANDMAN	Male	Michaelhouse	Kwazulu - Natal	Gr 12	45
223	K	NAIDOO	Female	Raisethope Secondary School	Kwazulu - Natal	Gr 12	45
223	D	HARIPARSAD	Male	Raisethope Secondary School	Kwazulu - Natal	Gr 12	45
223	L	CACKETT	Female	St Marys DSG Kloof	Kwazulu - Natal	Gr 12	45
223	LL	BELL	Female	St Marys DSG Kloof	Kwazulu - Natal	Gr 12	45
223	KR	RAMBILASS	Male	Star Boys College	Kwazulu - Natal	Gr 12	45
223	MJ	NTAOTE	Female	Machabeng College	Lesotho	Gr 11	45
223	TE	RANKOROANE	Male	Machabeng College	Lesotho	Gr 11	45
223	NA	SELESO	Female	Machabeng College	Lesotho	Gr 12	45
223	J	VAN ROOYEN	Female	Hoërskool Bergvlam	Mpumalanga	Gr 12	45
223	R	VANRENSBURG	Male	Hoërskool Nelspruit	Mpumalanga	Gr 12	45
223	SB	MLANGENI	Male	Penryn College	Mpumalanga	Gr 12	45
223	JO	ODENDAAL	Female	Uplands College	Mpumalanga	Gr 12	45
223	C	STEYN	Female	St Georges College	Namibia	Gr 12	45
223	KL	MONARENG	Female	Ferdinand Postma	North West	Gr 12	45
223	DJ	ERASMUS	Male	Hoër Volksskool	North West	Gr 12	45
223	N	NGABA	Female	Potchefstroom Girls High School	North West	Gr 12	45
223	C	SCHREUDER	Female	Bergvliet High School	Western Cape	Gr 12	45
223	JT	THOMPSON	Male	Bergvliet High School	Western Cape	Gr 12	45
223	LR	RIOS	Male	Bergvliet High School	Western Cape	Gr 12	45
223	AV	VOLOFU	Female	Cape Academy of MST	Western Cape	Gr 12	45
223	SA	DLAMBA	Female	Fairbairn College	Western Cape	Gr 12	45
223	NK	BARNES	Female	Fairmont High School	Western Cape	Gr 12	45
223	Z	KELZ	Female	Fairmont High School	Western Cape	Gr 12	45
223	AG	GALLOWAY	Male	Parel Vellei High School	Western Cape	Gr 11	45
223	A	MOLLER	Female	Parel Vellei High School	Western Cape	Gr 12	45
223	SR	PILLAY	Female	Sarepta Secondary School	Western Cape	Gr 11	45
223	GC	CHIWARE	Female	The Settlers High School	Western Cape	Gr 12	45
223	A	PANJRI	Female	Westerford High School	Western Cape	Gr 12	45
223	GS	GOVERE	Female	Chisipite Senior School	Zimbabwe	Gr 11	45

## 9. REGISTRATIONS FOR 2012

- 1<sup>st</sup> closing date: 31 October 2011 (R15.00 per learner);
- 2<sup>nd</sup> closing date: 30 November 2011 (R20.00 per learner);
- 3<sup>rd</sup> closing date: 15 December 2011 (R25.00 per learner); and
- 4<sup>th</sup> (Final) closing date: 30 January 2012 (R30.00 per learner)

***NB: Please note that the final date for registration is 30 January 2012 and late entries will NOT be accepted.***

## 10. CRITERIA FOR AWARDING CERTIFICATES FOR LEARNERS

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

## 11. 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 Olympiads 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;
- Scie-Enza;
- University of Pretoria;
- Forensic Science Laboratories;
- Forensic Biology Laboratories
- Denelcor;
- Necsa;
- National Zoological Garden;
- 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.

