

# ESKOM EXPO FOR YOUNG SCIENTISTS

## Stellenbosch Region – Results - 2012



1 <sup>st</sup> South African International Science Fair (SAISF) - RESULTS 2012					
	NAMES	GR	SCHOOL AND REGION	PROJECT TITLE	AWARD
<b>Category: Agricultural Sciences</b>					
	Marista Smith Neline Burger	11	Augsburg Landbouginnasium Clanwilliam	Klim op! byeboerwa	Silver medal
	Klara van der Walt	12	Hoër Meisieskool Bloemhof Stellenbosch	Erdwurmreste: Tee of kompos?	Silver medal
	Willem Walters	10	Hoërskool Graafwater Clanwilliam	Lamhokstelsel bied vele voordele	
<b>Category: Chemistry</b>					
	Nerita Kluys	9	Hoër Meisieskool Bloemhof Stellenbosch	Vlekvrye staal is nie vlekvry nie.	Silver medal  Category prize for the best Gr 8/9 project in Chemistry
<b>Category: Energy efficiency and energy conservation (efficient use of energy and ways of using less energy)</b>					
	An-Louise Engelbrecht	10	Hoërskool Vredendal Vredendal-streek	'n Bottel vol lig.	Bronze medal

<b>Energy: Alternative and renewable (solar, bio fuels, wind, wave, geothermal, etc.)</b>					
	Kaila Fourie	9	Bridge House College Franschhoek	Replacing coal with 'White coal' in the Western Cape	Gold medal  Special prize – "Exhibitors award" as chosen by exhibitors
	Johan van der Merwe Ernst Niewoudt	10	Hoërskool Vredendal Vredendal-streek	Die gebruik van biogas in die huis	
	Franco Esterhuizen	9	Paul Roos Gymnasium Stellenbosch	Maak lemme 'n verskil?	Bronze medal
<b>Engineering: Mechanical, Aeronautical and Industrial</b>					
	Werner Theron Santoné Benn	11	Hoërskool Punt Suid-Kaap	From peels to meals	Silver medal
<b>Environmental Management: Study of human interaction with the environment (e.g. waste management, deforestation, land management and bioremediation)</b>					
	Aletia Basson	8	Hoërskool Vanrhynsdorp Vredendal-streek	Die invloed van onwettige sandmyne in die Troe-troe rivier.	Gold medal  Special prize: Junior environmental prize from SAEON (South African environmental observatory network)
	Cosima Babl	9	Bridge House College Franschhoek	Weeds be Gone	

	Ashley Simpson Nancy Cloete	9	Hoërskool Vredenburg Vredenburg	Ballast here, ballast there, ballast almost everywhere	Silver medal
	Genevia Ackers	10	Diazville Sekondêre Skool Vredenburg	Rook jy sal ons nie vernietig nie!!	

#### Environmental Science: changes to the environment (e.g. pollution, climate change, carbon emissions)

	Lee-Ann Cloete Mischa Carsten	11	Diazville Sekondêre Skool Vredenburg	Miere ons bure!	Bronze medal  Special prize: Senior environmental prize from SAEON (South African environmental observatory network)
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#### Food Sciences, Food Technology and healthy eating (diet)

	Yolandi Philander Gerisca Smith	7	Jurie Hayes Primêre Skool Vredenburg	Die uitwerking van ensieme in vrugte.	Silver medal
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#### Innovation and Technology, including recycling and recycled materials

	Kiara De Jager Alene Holder	9	Hoër Meisieskool Bloemhof Stellenbosch	Vervang sand en klip in sementstene met gemaalde glas	Gold medal
	Elmarie Viljoen	11	Hoërskool Bredasdorp Overberg	Olie van plastiek	Silver medal  Chosen for possible international participation

	Chané van der Westhuizen Robyn Collins	10	Hoëskool Punt Suid-Kaap	Tumble dryer saves oceans	Gold medal
	Nasca Kriel Willmaree Scheepers	9	Maskam Primère Skool Vredendal-streek	Koel, koeler klaskamers	Silver medal
	Kalnisha Govender	10	Rhenish Girls' High School Stellenbosch	Water storing crystals	Bronze medal

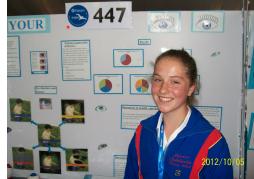
#### Mathematics and Statistics

	Duan van Schalkwyk	9	Paul Roos Gymnasium Stellenbosch	Verbuikers val ver (of nie?): Huidige ekonomiese krises affekteer bestedingspatrone	Bronz medal
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#### Medical Sciences - Human Biology (Anatomy, Genetics, Physiology)

	Maxine Smit Loré Botha	12	Hoër Meisieskool Bloemhof Stellenbosch	Korttermyn geheue word verbeter deur matige fisiese oefening voor memorising	Silver medal  Category prize: Best senior (Gr10 - 12) Medical Sciences project
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#### Medical Sciences – diseases, disease-causing organisms and medicine

	Marian Liebenberg	7	Laerskool Saldanha Vredenburg	For your eyes only	
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Physics, Astronomy and Space Science					
	Megan de Vos	9	Bridge House College Franschhoek	How temperature affects the elasticity of polybutadiene in bouncy balls	Gold medal  Chosen for possible international participation
	Petria Butler	9	Hoëskool Stellenbosch Stellenbosch	Laai of laat waai?	Silver medal
	Sean Manas	10	New Orleans Sekondêre Skool Paarl	Kleur vs energie	
	Anthea Boks	11	Diazville Sekondêre Skool Vredenburg	Sorg "sneeuwit"vir 'n koeler rit	

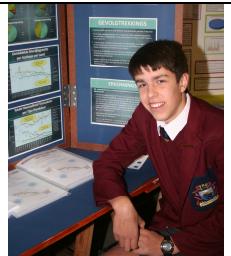
# STELLENOBSCH REGIONAL - RESULTS 2012

## GOLD MEDAL WINNERS

NAME AND SURNAME	GRADE	SCHOOL AND REGION	PROJECT TITLE	IMAGE
<b>Agricultural Sciences</b>				
Klara van der Walt	12	Hoër Meisieskool Bloemhof Stellenbosch	Erdwurmreste: Tee of kompos?	
<b>Animal and Veterinary Sciences, including marine animals and Animal Ecology</b>				
Madelie Skibbe	12	Hoër Meisieskool Bloemhof Stellenbosch	Gemarmerde blaartoongeitjies kom in groepe voor a.g.v. 'n ekologiese tekort	
<b>Chemistry</b>				
Nerita Kluysts	9	Hoër Meisieskool Bloemhof Stellenbosch	Vlekvrye staal is nie vlekvry nie.	
<b>Energy: Alternative and renewable (solar, bio fuels, wind, wave, geothermal, etc.)</b>				
Franco Esterhuizen	9	Paul Roos Gymnasium Stellenbosch	Maak lemme 'n verskil?	

Johan van der Merwe Ernst Niewoudt	10	Hoërskool Vredendal Vredendal-streek	Die gebruik van biogas in die huis	
Kaila Fourie	9	Bridge House College Franschhoek	Replacing coal with 'White coal' in the Western Cape	
<b>Environmental Management: Study of human interaction with the environment (e.g. waste management, deforestation, land management and bioremediation)</b>				
Cosima Babl	9	Bridge House College Franschhoek	Weeds be Gone	
Aletia Basson	8	Hoërskool Vanrhynsdorp Vredendal-streek	Die invloed van onwettige sandmyne in die Troe-troe rivier.	

<b>Environmental Science: changes to the environment (e.g. pollution, climate change, carbon emissions)</b>				
Mischa Carsten Lee-Ann Cloete	11	Diazville Sekondêre Skool Vredenburg	Miere ons bure!	
Genevia Ackers	10	Diazville Sekondêre Skool Vredenburg	Rook jy sal ons nie vernietig nie!!	
<b>Food Sciences, Food Technology and healthy eating (diet)</b>				
Simón La Cock Chelséa Hunter	9	Hoër Meisieskool Bloemhof Stellenbosch	Is muf spif?	
<b>Health Care and Sports Science</b>				
Eileen Theron	12	Hoër Meisieskool Bloemhof Stellenbosch	Gastroënteritis op Wes-Kaapse plase: Gebrekke kennis - die hoofoorsaak van kindersterftes	
<b>Innovation and Technology, including recycling and recycled materials</b>				
Kalnisha Govender	10	Rhenish Girls' High School Stellenbosch	Water storing crystals	

Ruben Bouma	9	Paul Roos Gymnasium Stellenbosch	Kan LED's gebruik word om are beter te definiéer?	
Chané van der Westhuizen Robyn Collins	10	Hoërskool Punt Suid-Kaap	Tumble dryer saves oceans	
Elmarie Viljoen Christi van Lill	11	Hoërskool Bredasdorp Overberg	Olie van plastiek	
Kiara De Jager Alene Holder	9	Hoër Meisieskool Bloemhof Stellenbosch	Vervang sand en klip in sementstene met gemaalde glas	
<b>Mathematics and Statistics</b>				
Duan van Schalkwyk	9	Paul Roos Gymnasium Stellenbosch	Verbuikers val ver (of nie?): Huidige ekonomiese krises affekteer bestedingspatrone	

<b>Medical Sciences – Diseases, disease-causing organisms and medicine</b>				
Marian Liebenberg	7	Laerskool Saldanha Vredenburg	For your eyes only	
<b>Medical Sciences - Human Biology (Anatomy, Genetics, Physiology)</b>				
Maxine Smit Loré Botha	12	Hoër Meisieskool Bloemhof Stellenbosch	Korttermyn geheue word verbeter deur matige fisiese oefening voor memorising	
<b>Microbiology and Biochemistry</b>				
Marietjie De Wet Esmé Van Wageningen	12	Hoër Meisieskool Bloemhof Stellenbosch	Die konsentrasie silwernitraat beïnvloed nie die antibakteriese eienskappe daarvan nie	

**STELLENBOSCH REGIONAL - RESULTS 2012**  
**SILVER MEDAL WINNERS**

NAME AND SURNAME	GRADE	SCHOOL AND REGION	PROJECT TITLE
<b>Agricultural Sciences</b>			
ZA Walters	12	Hoërskool Graafwater Clanwilliam	Lusern voer botoon!
Willem Walters	10	Hoërskool Graafwater Clanwilliam	Lamhokstelsel bied vele voordele
Anchen Kellerman Suzanne Kruger	10	Hoërskool Vredenburg Vredenburg	Koffiemoen, tee geroer, watter een sal die beste boer?
Marista Smith Neline Burger	11	Augsburg Landbouginnasium Clanwilliam	Klim op! byeboerwa
Emily Van der Merwe	12	Hoër Meisieskool Bloemhof Stellenbosch	Bo-gemiddelde liggaamskondisie by Merino-ooie is ideaal vir optimale reproduktiwiteit
Arina Schutte Jénine Gerber	9	Hoër Meisieskool Bloemhof Stellenbosch	Brakwater met groenvoer in ses dae
Alé Du Toit	9	Hoër Meisieskool Bloemhof Stellenbosch	Meer wins: Lamhokke vs landerye
<b>Chemistry</b>			
Chanté Danster Toufiq Williams	8	Hoërskool Weston Vredenburg	Opwekking van elektrisiteit deur middel van huishoudelike opwasmiddels
Janie de Lange	9	Bridge House College Franschhoek	The catalyst marathon - which catalyst is most efficient?
<b>Energy: Alternative and renewable (solar, bio fuels, wind, wave, geothermal, etc.)</b>			
Schalk Marias	9	Paul Roos Gymnasium Stellenbosch	Power Press: An investigation of piezoelectricity
Chandré Cloete	11	Diazville Sekondêre Skool Vredenburg	Kelp me please
<b>Energy efficiency and energy conservation (efficient use of energy and ways of using less energy)</b>			
An-Louise Engelbrecht Chrisri Dyason	10	Hoërskool Vredendal Vredendal-streek	'n Bottel vol lig.

Aimee Fuller	9	Bridge House College Franschhoek	The heating and cooling effect of different colours
<b>Engineering: Chemical, Metallurgical and Mining</b>			
Wian Barnard Andrich Burger	10	Hoërskool Vredendal Vredendal-streek	CaO verwamer
<b>Engineering: Mechanical, Aeronautical and Industrial</b>			
Werner Theron Santoné Benn	11	Hoërskool Punt Suid-Kaap	From peels to meals
<b>Environmental Management: Study of human interaction with the environment (e.g. waste management, deforestation, land management and bioremediation)</b>			
Phillip Myburgh- Marais	9	Bridge House College Franschhoek	The most efficient form of oil spill rescue response methods
Soraya Reid	7	Laerskool Saldanha Vredenburg	Good or bad
Shannon Janse van Vuuren	9	Hoërskool Vredenburg Vredenburg	"ANT" I BUGS
Ashley Simpson Nancy Cloete	9	Hoërskool Vredenburg Vredenburg	Ballast here, ballast there, ballast almost everywhere
Franke Keyser	9	Hoër Meisieskool Bloemhof Stellenbosch	Stellenbosch: Dorp of vullishoop
Marga Pretorius Cathanja Slabbert	9	Hoër Meisieskool Bloemhof Stellenbosch	Gryswater het 'n negatiewe invloed op plantegroei
Sumari de Wet	10	Hoërskool Bredasdorp Overberg	Hoeveel bome word afgekap vir gemorspos?
Lisa Uys Nadine Balanco	10	Rhenish Girls' High School Stellenbosch	SA's water quality
<b>Food Sciences, Food Technology and healthy eating (diet)</b>			
Gerisca Smith Yolandi Philander	7	Jurie Hayes Primère Skool Vredenburg	Ensieme in vrugte.
<b>Health Care and Sports Science</b>			
Madeli Van der Rijst Rouxanne Janse van Rensburg	9	Hoër Meisieskool Bloemhof Stellenbosch	Melk as hersteldrankie bevorder uithouvermoë

Imke Nel Henriette Joubert	12	Hoër Meisieskool Bloemhof Stellenbosch	Langtermyn strawwe oefening ly tot 'n ystertekort onder Bloemhof-atlete
Sanri Bezuidenhout Deney Swart	8	Hoërskool Bredasdorp Overberg	Proteïene vs koolhidrate vir 100m atleet.
Marko Bester Sumaré Prinsloo	10	Hoërskool Punt Suid-Kaap	Is education killing your back?
<b>Innovation and Technology, including recycling and recycled materials</b>			
Nasca Kriel Willmaree Scheepers	9	Maskam Primère Skool Vredendal-streek	Koel, koeler klaskamers
Alexander Flemming	9	Paul Roos Gymnasium Stellenbosch	Dromhaak
Dieter Zeier	9	Paul Roos Gymnasium Stellenbosch	Gratis Internettoegang vir Stellenbosch
<b>Medical Sciences – diseases, disease-causing organisms and medicine</b>			
Robyn Clark	9	Bridge House College Franschhoek	How refined carbohydrates affect the blood glucose levels of a type 1 Diabetic
Petro Saaiman Sanette Prins	11	Augsburg Landbouginnasium Clanwilliam	Kindersiektes: Luister na die dokter - nie na Ouma!
<b>Medical Sciences - Human Biology (Anatomy, Genetics, Physiology)</b>			
I-ben Liebenberg	7	Laerskool Saldanha Vredenburg	Forget pain play your game
Sarah Bosch	9	Hoërskool Bredasdorp Overberg	Eenders of anders?
<b>Physics, Astronomy and Space Science</b>			
Petra Butler	9	Hoërskool Stellenbosch Stellenbosch	Laai of laat waai?
Sean Manas	10	New Orleans Sekondêre Skool Paarl	Kleur vs energie
Anthea Boks	11	Diazville Sekondêre Skool Vredenburg	Sorg "sneeuwit"vir 'n koeler rit
Joshua Ferreira	9	Bridge House College Franschhoek	A comparison of the thermal insulative properties of a zinc and straw house

Megan de Vos	9	Bridge House College Franschhoek	How temperature affects the elasticity of polybutadiene in bouncy balls
<b>Plant Sciences including marine plants and Plant Ecology</b>			
Jean Drummer Nicolas Dippenaar	10	Curro Privaatskool - Langebaan Vredenburg	The effect of different colour light on plant growth
Zaan Du Preez	12	Hoër Meisieskool Bloemhof Stellenbosch	Water uit 'n mikrogolfoond beïnvloed boontjieplante se groei
<b>Social and Psychological Sciences</b>			
Fay-Yaaz Ahmed	9	Bridge House College Franschhoek	Which colour has the greatest impact on learning ability?

## **STELLENBOSCH REGIONAL - RESULTS 2012**

### **BRONZE MEDAL WINNERS**

NAME AND SURNAME	GRADE	SCHOOL AND REGION	PROJECT TITLE
<b>Agricultural Science</b>			
Nadia Ströh Ingrid Coetzee	9	Hoër Meisieskool Bloemhof Stellenbosch	Erdwurms in huishoudelike tuine maak 'n meer verrykende kompos
Chrizelda Nieholt Anne Abrahams	10	Hoërskool Graafwater Clanwilliam	Beïnvloed saadkleur die hoeveelheid saad wat voëls eet?
Elvin Weimers	12	Diazville Sekondêre Skool Vredenburg	Bio pes! Ek leer jou 'n les!
<b>Animal and Veterinary Sciences, including marine animals and Animal Ecology</b>			
Bjørn Grapow	9	Bridge House College Franschhoek	Does the colour of the feeding nectar affect the choice of sunbirds?
<b>Chemistry</b>			
Leandri Burger Chantell Neethling	10	Hoërskool Vanrhynsdorp Vredendal-streek	Dit laat my hare rys: haarkleur en statiese elektrisiteit
Dirk Uys Wikus Smit	8	Hoërskool Bredasdorp Overberg	Vrugte kan elektrisiteit opwek.
<b>Energy: Alternative and renewable (solar, bio fuels, wind, wave, geothermal, etc.)</b>			

Marcellino Petersen Vernon Jacobs	10	Atlantis Senior Sekondêre Skool Malmesbury	Beesmis krag
Andries Strydom	9	Hoërskool Vredenburg Vredenburg	Windkrag? Sonkrag? Nee.....Vrugkrag!
<b>Energy efficiency and energy conservation (efficient use of energy and ways of using less energy)</b>			
Nico Strauss Janco Heese	10	Curro Privaatskool - Langebaan Vredenburg	Ekonomiese gebruik van gloeilampe
Adrienne van der Merwe Natali Van Zijl	10	Rhenish Girls' High School Stellenbosch	The affect of architecture on electricity usage
Maxine Lahner-Todd	9	Bridge House College Franschhoek	Saving cents by conserving electricity
<b>Environmental Management: Study of human interaction with the environment (e.g. waste management, deforestation, land management and bioremediation)</b>			
Vickey Eksteen	9	Hoërskool Velddrif Vredenburg	Bloedwater
Izelle Smal	11	Hoërskool Bredasdorp Overberg	Gryswater kan suksesvol gebruik word vir voedselproduksie.
Takunda Madziwa Nadine Joubert	8	Uitkyk Primière Skool Vredendal-streek	Die herstel van gronderosie in die Weskus
<b>Environmental Science: changes to the environment (e.g. pollution, climate change, carbon emissions)</b>			
Isabella Melck Jessica Berry	10	Rhenish Girls' High School Stellenbosch	The effects of pollution on Soil and Plants
<b>Physics, Astronomy and Space Science</b>			
Shani Gold Danica Louw	10	Hoërskool Bellville Noordelike voorstede	Die invloed van lig op die temperatuur van voorwerpe met verskillende kleure.
Sanet Wiese Dané-lee Jacobs	8	Hoërskool Bredasdorp Overberg	Glim in die donker
<b>Food Sciences, Food Technology and healthy eating (diet)</b>			
Alexandra Borel-Saladin	9	Bridge House College Franschhoek	The fermentation race

Frankie Cornelissen Adriaan du Plessis	10	Hoërskool Punt Suid-Kaap	Best breakfast
Tracey-Lee Boltman	7	Laerskool Saldanha Vredenburg	Messy mouldy messes
Caitlin Henn Lauren Downing	10	Rhenish Girls' High School Stellenbosch	The capabilities of cryogenics
<b>Health Care and Sports Science</b>			
Lizelle Smit	11	Hoërskool Hopefield Vredenburg	Die effek van sigaretrook op lewende organismes
Tim Coles	9	Paul Roos Gymnasium Stellenbosch	A back breaking task: Your schoolbag's effect on you
<b>Innovation and Technology, including recycling and recycled materials</b>			
Valencia Sass Desren Jacobs	11	Atlantis Senior Sekondêre Skool Malmesbury	Recycled education
Stephanie Olckers Lara Du Plessis	10	Rhenish Girls' High School Stellenbosch	Helping people is helping the environment
Cameron Luke Nel	9	Paul Roos Gymnasium Stellenbosch	The mudguzzler
Carla Cloete Marlo Groenewald	9	Hoërskool Vredenburg Vredenburg	Fire away with recycled firelighters
Bronwyn Davids Lindy Cramer	9	Atlantis Senior Sekondêre Skool Malmesbury	Geknoffelde plante
Roxanne Boltman Samantha Pinto	11	Diazville Sekondêre Skool Vredenburg	Light up the world
Nadine Louw Louwna Smith	9	Hoërskool Vredenburg Vredenburg	Spaar water vir later
Gawie du Plessis	7	Laerskool Vredendal Vredendal-streek	Watersuiwering vir minderbevoorregtes in die Olifantsriviervallei.
<b>Mathematics and Statistics</b>			
Jac de Villiers van Huyssteen	9	Paul Roos Gymnasium Stellenbosch	'n Ondersoek na die ekonomiese voordele van enkellaag toiletpapier

<b>Medical Sciences - Human Biology (Anatomy, Genetics, Physiology)</b>			
Tina Human Fredelene Leuvennink	9	Hoërskool Bredasdorp Overberg	Mense kan onderskei tussen natuurlike en kunsmatige reuke en smoke.
Jaco Schoeman Jandré Prinsloo	9	Hoërskool Vredenburg Vredenburg	I spy with my little eye
Janus Bezuidenhout	9	Hoërskool Stellenbosch Stellenbosch	Fisiiese aktiwiteite verbeter kognitiewe funksionering
Sue-Ann Bosman	11	Augsburg Landbouginnasium Clanwilliam	Orgaanoorplantings vs Die Dood
Larissa Geldenhuys Elanie van Schalkwyk	10	Hoërskool Bredasdorp Overberg	Beïnvloed visuele waarneming jou pyndrempel
<b>Medical Sciences _121 – diseases, disease-causing organisms and medicine</b>			
Harry Burger	9	Paul Roos Gymnasium Stellenbosch	Die medisinale eienskappe van Kraalbos
Ceachanne Fillies Michelle Hendricks	7	Nederburg Primère Skool Paarl	Oumensraad of medisyne
Nicole Louw Gezelle Magerman	9	Hoërskool Vredenburg Vredenburg	Von Willebrand
Brandon Jacobs Mynhardt Smuts	9	Hoërskool Vredenburg Vredenburg	Penisillien vir die immuun
Norman Fraser	11	Hoërskool Bredasdorp Overberg	Suurstof of osoon se rol in die genesing van die liggaam.
<b>Physics, Astronomy and Space Science</b>			
Chandré Conradie	10	Hoërskool Hopefield Vredenburg	Home brewed battery water
Daniëlla Greyling	11	Hoërskool Hopefield Vredenburg	Sulphur concrete
<b>Plant Sciences including marine plants and Plant Ecology</b>			
Anja Olivier Sunandi Grobler	12	Hoër Meisieskool Bloemhof Stellenbosch	Aangevuur
Neil Zondagh John Snyders	9	Hoërskool Bredasdorp Overberg	Komkommers bly langer vars buite die yskas.

<b>Social and Psychological Sciences</b>			
Charlese Els	9	Hoëskool Velddrif Vredenburg	Fun Science
Daniël Botha	9	Paul Roos Gymnasium Stellenbosch	Leierskap op Hoëskool
Stephan Basson	9	Paul Roos Gymnasium Stellenbosch	Beinvloed die kleur van drukkersink die spoed van lees?
Adrian Wiese Rudolph Schaefer	9	Paul Roos Gymnasium Stellenbosch	Die effek van musiek op tienerseuns se geheue tydens studie
<b>Food Sciences, Food Technology and healthy eating (diet)</b>			
Liezl Mouton	10	Hoëskool Bellville Noordelike voorstede	Vitamien C inhoud van verskillede soorte vars uitgedrukte vrugtesappe
Francia le Roux Riatha van Zyl	10	Hoëskool Vredendal Vredendal-streek	Melk in die kan?
Petru Pool	7	Laerskool Vredendal Vredendal-streek	Eet kinders te veel suiker?
Miriah Smith Christa Müller	10	Shalom Akademie Suid-Kaap	E(nergie) K(onsentrasie) E(eetlus), ONTBYT

## **STELLENBOSCH REGIONAL - RESULTS 2012** **SPECIAL PRIZE WINNERS**

NAME AND SURNAME	GR	SCHOOL AND REGION	PROJECT TITLE	PRIZE
<b>Agricultural Sciences</b>				
Klara Van der Walt	12	Hoër Meisieskool Bloemhof Stellenbosch	Erdwurmreste: Tee of kompos?	Beste Senior Landbounavorsingsprojek
Alé Du Toit	9	Hoër Meisieskool Bloemhof Stellenbosch	Meer wins: Lamhokke vs landerye	Beste Junior Landbounavorsingsprojek

<b>Animal and Veterinary Sciences, including marine animals and Animal Ecology</b>				
Madelie Skibbe	12	Hoër Meisieskool Bloemhof Stellenbosch	Gemarmerde blaartoongietjies kom in groepe voor a.g.v. 'n ekologiese tekort	Beste Senior Diere wetenskappe navorsingsprojek
<b>Chemistry</b>				
Nerita Kluys	9	Hoër Meisieskool Bloemhof Stellenbosch	Vlekvrye staal is nie vlekvry nie.	Beste Junior navorsingsprojek wat oor Chemie handel
<b>Energy: Alternative and renewable (solar, bio fuels, wind, wave, geothermal, etc.)</b>				
Kaila Fourie	9	Bridge House College Franschhoek	Replacing coal with 'White coal' in the Western Cape	Beste projek oor alternatiewe energie geborg deur ESKOM
Franco Esterhuizen	9	Paul Roos Gymnasium Stellenbosch	Maak lemme 'n verskil?	Beste navorsingsprojek wat handel oor hernubare energie bewillig deur: Sentrum vir Hernubare en Volhoubare energie studies
<b>Energy efficiency and energy conservation (efficient use of energy and ways of using less energy)</b>				
An-Louise Engelbrecht Chrisri Dyason	10	Hoëskool Vredendal Vredendal-streek	'n Bottel vol lig.	Beste navorsingsprojek wat oor effektiewe energie gebruik handel geborg deur ESKOM
<b>Engineering: Mechanical, Aeronautical and Industrial</b>				
Werner Theron Santoné Benn	11	Hoëskool Punt Suid-Kaap	From peels to meals	Algeheel beste projek in ingenieurswese
<b>Environmental Management: Study of human interaction with the environment (e.g. waste management, deforestation, land management and bioremediation)</b>				
Lisa Uys Nadine Balanco	10	Rhenish Girls' High School Stellenbosch	SA's water quality	Beste navorsingprojek oor water geborg deur Departement Waterwese.

Aletia Basson	8	Hoëskool Vanrhynsdorp Vredendal-streek	Die invloed van onwettige sandmyne in die Troe-troe rivier.	Beste Junior navorsingsprojek wat oor omgewingskwessies handel EN Boekprys: Geborg deur Die Sentrum vir Indringerbiologie EN Beste Ontwikkelingsprojek geborg deur ESKOM
<b>Environmental Science: changes to the environment (e.g. pollution, climate change, carbon emissions)</b>				
Genevia Ackers	10	Diazville Sekondêre Skool Vredenburg	Rook jy sal ons nie vernietig nie!!	Beste Senior navorsingsprojek wat oor omgewingskwessies handel EN Boekprys: Geborg deur Die Sentrum vir Indringerbiologie
<b>Food Sciences, Food Technology and healthy eating (diet)</b>				
Frankie Cornelissen Adriaan du Plessis	10	Hoëskool Punt Suid-Kaap	Best breakfast	Beste Senior navorsingsprojek wat handel oor voedselwetenskap of -tegnologie
Simón La Cock Chelséa Hunter	9	Hoër Meisieskool Bloemhof Stellenbosch	Is muf spif?	Beste Junior navorsingsprojek wat handel oor voedselwetenskap of -tegnologie
<b>Health Care and Sports Science</b>				
Eileen Theron	12	Hoër Meisieskool Bloemhof Stellenbosch	Gastroënteritis op Wes-Kaapse please: Gebreklike kennis - di hoofoorsaak van kindersterftes	Beste Senior navorsingprojek in Gesondheidsorg Beste navorsingsprojek deur 'n meisie
Sanri Bezuidenhout Deney Swart	8	Hoëskool Bredasdorp Overberg	Proteïene vs koolhidrate vir 100m atleet.	Beste Junior navorsingprojek in Gesondheidsorg
<b>Innovation and Technology, including recycling and recycled materials</b>				
Chané van der Westhuizen Robyn Collins	10	Hoëskool Punt Suid-Kaap	Tumble dryer saves oceans	Beste Senior Projek in Innovering en Tegnologie
Kiara De Jager Alene Holder	9	Hoër Meisieskool Bloemhof Stellenbosch	Vervang sand en klip in sementstene met gemaalde glas	Beste Junior Projek in Innovering en Tegnologie

<b>Mathematics and Statistics</b>				
Duan van Schalkwyk	9	Paul Roos Gymnasium Stellenbosch	Verbuikers val ver (of nie?): Huidige ekonomiese krieses affekteer bestedingspatrone	Beste Junior Projek wat oor Wiskunde en Statistiek handel Beste Navorsingsprojek deur 'n seun
<b>Medical Sciences – diseases, disease-causing organisms and medicine</b>				
Marian Liebenberg	7	Laerskool Saldanha Vredenburg	For your eyes only	Beste Junior navorsingprojek in die Mediese Wetenskappe Beste Navorsingsprojek deur 'n graad 7 deelnemer
<b>Medical Sciences _120 - Human Biology (Anatomy, Genetics, Physiology)</b>				
Maxine Smit Loré Botha	12	Hoër Meisieskool Bloemhof Stellenbosch	Korttermyn geheue word verbeter deur matige fisiese oefening voor memorisering	Beste Senior navorsingprojek in die Mediese Wetenskappe
<b>Physics, Astronomy and Space Science</b>				
Anthea Boks	11	Diazville Sekondêre Skool Vredenburg	Sorg "sneeuwit"vir 'n koeler rit	Beste Senior navorsingsprojek in 'n Fisika rigting
Petra Butler	9	Hoëskool Stellenbosch Stellenbosch	Laai of laat waai?	Beste Junior navorsingsprojek in 'n Fisika rigting
<b>Plant Sciences including marine plants and Plant Ecology</b>				
Jean Drummer Nicolas Dippenaar	10	Curro Privaatskool - Langebaan Vredenburg	The effect of different colour light on plant growth	Beste Senior navorsingsprojek oor Plantkunde
<b>Social and Psychological Sciences</b>				
Fay-Yaaz Ahmed	9	Bridge House College Franschhoek	Which colour has the greatest impact on learning ability?	Beste Junior projek wat oor sosiale probleme en geestesgesondheid handel