

2010



ESKOM EXPO for Young Scientists National and Regional Competition Stellenbosch-Results



**ESKOM EXPO for Young Scientists
National Competition
Stellenbosch Region - Results
2010**

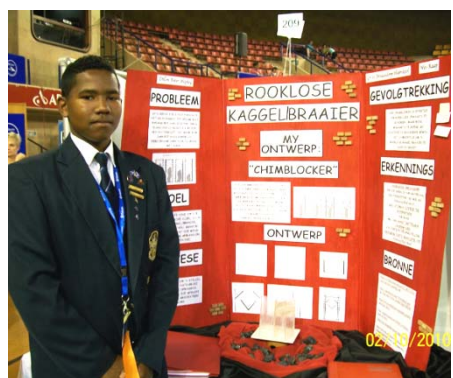
Category: Energy (alternative, renewable, sustainable)



Henco Botha (Vredenburg High School, Vredenburg) researched LED light bulbs as an alternative to long life light bulbs. He was rewarded with a **gold medal** and was also chosen as **Senior Category winner**.

He has been chosen to attend the **MILSET International Science Fair** in July 2011 in **Bratislava, Slovakia**. This International Science Fair is a major science and technology event held every two years, during which students have the opportunity to discover that their passion for science is shared by many other young people from all over the world.

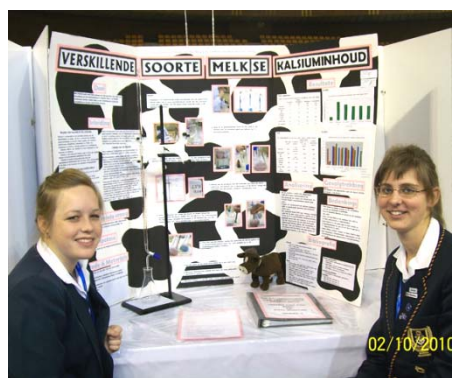
Category: Engineering – Mechanical, Aeronautical and Industrial



Dillon Hopley (Bredasdorp High School, Bredasdorp) designed a chimney that prevents smoke from retracting back into a house. He received a **silver medal** and a special prize:

- **CBI-Electric: low voltage (Mechanical engineering award)**

Category: Food Sciences and Food Technology



Anel Mouton and Simone van den Berg (Bellville High School, Bellville) researched the calcium content of different types of milk. They received **silver medals** and a special prize:

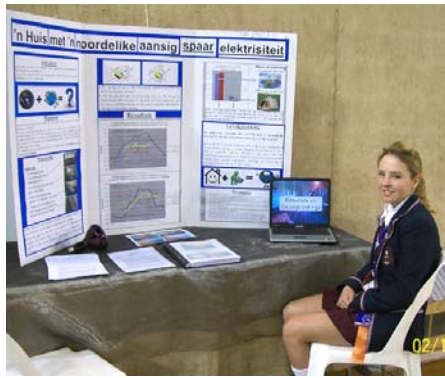
- **SA Association for Food Science and Technology Award – 3rd prize**

Category: Animal and Veterinary Science



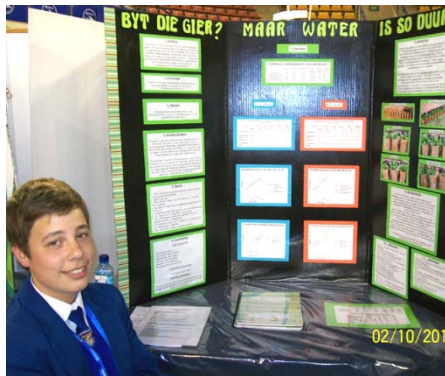
Lisa-Mari Bester (Velddrif High School, Velddrif) designed a hoof-spa for the treatment of *Laminitis* in horses. She received a **silver medal** and was also chosen as **Senior Category winner**.

Category: Architecture, Housing, Settlement Studies



Mabru Uys (Bloemhof Girls' High School, Stellenbosch) tested whether north facing houses used less electricity. She received a **silver medal** and was also chosen as **Junior Category winner**.

Category: Environmental Sciences and Ecology



Christoff Geldenhuys (Vredenburg High School, Vredenburg) researched the use of grey water to grow lettuce in pots. He received a **gold medal**.

Category: Agricultural Sciences



Vinzanio Galawe and Calvin Meintjies (Maskam Primary School, Vanrhynsdorp) investigated the effectiveness of technology to prevent predator attacks on livestock. They received **silver medals**.

Category: Animal / Veterinary Sciences



Elisna Dicks and Heléne Booyens (Bloemhof Girls' High School, Stellenbosch) investigated alternative therapies for horses. They received **silver medals**.

Category: Health Sciences and Sports Sciences



Siphosethu Mbuli (Kayamandi High School, Stellenbosch) researched the effect of caffeine on alertness. She received a **silver medal**.

Category: Innovation and Technology



Jason Jordaan and Tian Alberts (Eikestad Primary School, Stellenbosch) investigated solar charging devices for cell phones. They received **silver medals**.

Category: Agricultural Sciences



Carla van Schalkwyk and Madeleine Carstens (Bloemhof Girls' High School, Stellenbosch) investigated the influence of Broiler chick droppings on the growth of *Tilapia* fish. They received **bronze medals**.



ZA Walters (Graafwater High School, Graafwater) researched the viability of using low priced grain as feedlot. He received a **bronze medal**.

Category: Energy (alternative, renewable, sustainable)



Stefan de Wet (Curro Private School, Durbanville) researched underwater wind turbines. He received a **bronze medal**.

Category: Environmental Sciences and Ecology



Samantha Pinto and Fahiem Abdol (Diazville High School, Saldanha) investigated the use of seabird feathers to clean oil spills in harbours. They received **bronze medals**.

Category: Innovation and Technology



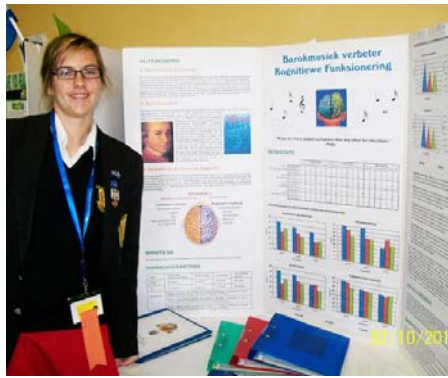
Daniël Botha and Daniël Steyn (Eikestad Primary School, Stellenbosch) investigated the use of conducting cables to improve the sound quality of a cordless microphone. They received **bronze medals**.

Category: Plant Sciences



Arrienne Arendse and Eike Davis (The Settlers High School, Bellville) investigated the amount of caffeine found in four different types of tea. They received **bronze medals**.

Category: Social Sciences






Suemari Bezuidenhout (Stellenbosch High School, Stellenbosch) researched the effect of Baroque music on cognitive functioning. She received a **bronze medal**.





Results of the 2010 Regional competition





The gold, silver and bronze medal winners

GOUE MEDALJES / GOLD MEDALS

Kategorie/Category	Naam / Name	Gr	Skool/School	Projektitel / Project title	Photos
Food Sciences and Food Technology	Farren Visagie Jaydee Cyster	12	The Settlers High School	Just Juice: Vitamin C content of common juices.	
Plant Sciences	Eike Davis Arrienne Arendse	12	The Settlers High School	Tea for two.	
Environmental Science and Ecology	Daniel Pretorius	9	Bridge House School	Indigenous trees - most CO2 absorbed per litre water used.	





Innovation & Technology	Magdaleen du Toit	9	Bridge House School	Endothermic reaction refrigerator	
Sosiale- en Geesteswetenskappe	Klaas Carstens	9	Hoërskool Vredendal	Klassieke/Pop/Rock. Watter een laat die konsentrasie klop?	
Energie	Aret Lambrechts Ené Steyn	9	Hoër Meisieskool Bloemhof	Die verhitting van water m.b.v. 'n plaathitte uitruiler is meer effektief.	
Energie	Mabru Uys	9	Hoër Meisieskool Bloemhof	'n Huis met 'n noordelike aansig bespaar die meeste krag	

Landbouwetenskappe	Madeleine Carstens Carla Van Schalkwyk	9	Hoër Meisieskool Bloemhof	Braaikuikenmis beïnvloed die groei van Tilapiavisse	
Landbouwetenskappe	Helena-Michelle Saunders Suzanne Basson	9	Hoër Meisieskool Bloemhof	Boontjieplantjies wat optimale hoeveelhede kalium ontvang sal die beste boontjie-oes produseer	
Sosiale- en Geesteswetenskappe	Greta de Waal Emma Beukes	9	Hoër Meisieskool Bloemhof	Aknee se invloed op tierreseuns en -meisies	
Sosiale- en Geesteswetenskappe	Lyné Dreyer Frances Esterhuyse	9	Hoër Meisieskool Bloemhof	Motivering is prestering	

Voedselwetenskap en Voedseltegnologie	Hesti Steyn	12	Hoër Meisieskool Bloemhof	Kellogg's Corn Flakes vs Kellogg's Special K	
Energie	Pierre Schaafsma Stefan Schreuder	11	Hoërskool Stellenbosch	Bome maak elektrisiteit.	
Innovering en Tegnologie	Kaitlin Caine	7	Laerskool Eikestad	Herwinning van polistireen	
Innovering en Tegnologie	Jason Jordaan Tian Alberts	7	Laerskool Eikestad	Omgewingsvriendelike sonkragseloon	

Innovering en Tegnologie	Schalk Marais	7	Laerskool Eikestad	Van vlam tot vonk - 'n ondersoek van termoelektriese energie	
Environmental Science and Ecology	Aimée Hadzis	10	Rhenish Girls High School	Chlorine: blessing or death trap?	
Health Care and Sports Science	Jessica Truter	10	Rhenish Girls High School	Do athletes spikes really increase your running speed?	
Physics, Astronomy and Space Science	Savia Fedeli Chelsea de Beer	10	Rhenish Girls High School	Goal! The aerodynamics of the "Jabulani" soccer ball	

<p>Physics, Astronomy and Space Science</p>	<p>Aimee Scholtz</p>	<p>10</p>	<p>Rhenish Girls High School</p>	<p>Chaos</p>	
<p>Social and Psychological Sciences</p>	<p>Ruth Allderman</p>	<p>10</p>	<p>Rhenish Girls High School</p>	<p>Is Rhenish old or new?</p>	
<p>Landbouwetenskappe</p>	<p>ZA Walters</p>	<p>10</p>	<p>Hoërskool Graafwater</p>	<p>Voerkraal troef lae graanpryse</p>	
<p>Gesondheidsorg en Sportwetenskap</p>	<p>Elwin Weimers Sarkirah Dalwai</p>	<p>10</p>	<p>Hoërskool Diazville</p>	<p>Akupunktuur of Pilkuur</p>	

Omgewingswetenskap en Ekologie	Fahiema Abdol Samantha Pinto	9	Hoërskool Diazville	'n Veer wat die olie keer!!!	
Animal/Veterinary Science	Lisa-Mari Bester	10	Hoërskool Velddrif	Treating <i>Laminitis</i> with the Hoof Spa	
Health Care and Sport Science	Marzahn Theart	11	Hoërskool Velddrif	Dental Detention	
Environmental Science and Ecology	Anri Matthee	10	Hoërskool Vredenburg	The Botanical treasures of Jacobsbaai	

Innovering en Tegnologie	Jaco Nel	9	Hoërskool Vredenburg	Spaar en help ons aarde red!	
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SILWER MEDALJES / SILVER MEDALS

Gesondheidsorg en Sportwetenskap	Jaydey Sass	12	Atlantis Sekondêre Skool	Kalmte
Voedselwetenskap en Voedseltegnologie	Anje Kruger	11	Hoërskool Bellville	Goed, beter, brood
Voedselwetenskap en Voedseltegnologie	Simone van den Berg Anel Mouton	11	Hoërskool Bellville	Verskillende soorte melk se kalsiuminhoud
Health Care and Sport Science	Munirah Mukaddem	10	The Settlers High School	Antibacterial soap: Bacteria killer or super-bug breeder?
Energy	Marcella Lupini	9	Bridge House School	The cleanest car to drive
Physics, Astronomy and Space Science	Jodie Cuyler	9	Bridge House School	Life span of candles at different temperatures
Innovering en Tegnologie	Dehan Kellermann	7	Laerskool Vredendal	Vlieëvangers
Landbouwetenskappe	Vinzanio Galawe Calvin Meintjies	9	Maskam Primêre Skool	Skaapwagter: Anatoliese Herdershond of tegnologie
Ingenieurswese - Meganies, Lugvaartkundig, Industrieël	Dillon Hopley	11	Hoërskool Bredasdorp	Rooklose kaggel
Mediese Wetenskappe - Mensbiologie	Zehandrie Naudé Nicola Erasmus	10	Hoërskool Bredasdorp	Reaksietyd
Mediese Wetenskappe - Mensbiologie	Rico Summers Len-Barry Simons	11	Hoërskool Bredasdorp	3D vs Die Oog
Aardwetenskap - Geologie en Geografie	Naomi Hattingh	9	Hoër Meisieskool Bloemhof	Die opvang en ondergrondse berging van CO2

Dierwetenskap en Veeartsenykunde	Heléne Booyens Elisna Dicks	12	Hoër Meisieskool Bloemhof	Alternatiewe terapie verbeter die fisieke en emosionele welstand van perde
Environmental Sciences and Ecology	Anél Olivier Aimée Nowers	12	Hoër Meisieskool Bloemhof	Impact of mechanical beach cleaning
Herbenutte Materiale	Emma Smit	9	Hoër Meisieskool Bloemhof	Effektiewe mikrobies maak van 'n berg 'n molshoop
Landbouwetenskappe	Jana Alberts Karlien Heyns	9	Hoër Meisieskool Bloemhof	Topografie in die Sutherlanddistrik, beïnvloed die vreetbaarheid van meerjarige plantspesies
Voedselwetenskap en Voedseltegnologie	Magan Hanekom	9	Hoër Meisieskool Bloemhof	Getekstureerde groenteproteïene versus 'n maalvleisburger
Energie	Marina Kamper	10	Hoërskool Stellenbosch	Sontoringkragopwekker
Sosiale- en Geesteswetenskappe	Suemari Bezuidenhout	10	Hoërskool Stellenbosch	Barokmusiek verbeter kognitiewe funksionering
Health Care and Sport Science	Siphosethu Mbuli	10	Kayamandi High School	Drinking coffee makes you more alert
Fisika, Sterrekunde en Ruimtetwetenskap	Marion Webber	7	Laerskool Eikestad	Helium bons hoër
Innovering en Tegnologie	Daniël Botha Daniël Steyn	7	Laerskool Eikestad	Geleidingskabel - 'n manier om die werking van koordlose mikrofone te verbeter.
Innovering en Tegnologie	Pierre Liebenberg	7	Laerskool Eikestad	Orkaantregter
Plantwetenskappe	Ockert Goosen	7	Laerskool Eikestad	"Magnetiese" goedheid uit die grond uit
Agricultural Sciences	Carla van der Merwe	10	Rhenish Girls High School	Cellar wastewater management
Health Care and Sports Science	Gabriella Camara Nicole Bartsch	10	Rhenish Girls High School	Viva Vuvuzela: How loud is too loud?

Physics, Astronomy and Space Science	Robin Meyer Lisa Africa	10	Rhenish Girls High School	Balls of fury
Gesondheidsorg en Sportwetenskap	Gregorietha Horne Sias Engelbrecht	11	Hoërskool Graafwater	"Knock...Knock..."
Mediese Wetenskappe - Mensbiologie	Marno Basson Allison Jansen	9	Hoërskool Graafwater	Oksitosien...troetelhormoon
Omgewingswetenskap en Ekologie	Ancélle Thiart Danica Bosman	11	Hoërskool Graafwater	Onbekend is onbeminde
Gesondheidsorg en Sportwetenskap	Bernley Thyssen Genevia Ackers	8	Hoërskool Diazville	Cool, Cooler, Coolste
Mediese Wetenskappe - Siektes en siekteveroorsoekende organismes	Curtley Pretorius Duran Verwey	10	Hoërskool Diazville	Vuvu jou duiwel!
Chemie	Dale Badenhorst	9	Hoërskool Vredenburg	Tuisgemaakte gom
Energie	Henco Botha	11	Hoërskool Vredenburg	Goed, beter, LED
Omgewingswetenskap en Ekologie	Christoff Geldenhuys	9	Hoërskool Vredenburg	Byt die gier? Maar water is so duur!
Omgewingswetenskap en Ekologie	Naydene Varnicker Jade Moos	8	Noordhoek Primêr	Lugbesoedeling: Air Scare

BRONS MEDALJES / BRONZE MEDALS

Engineering - Electronics, Electrical	Samantha Witbooi Ayesha Manuel	10	Atlantis Sekondêre Skool	Blind-Sided
Gesondheidsorg en Sportwetenskap	Valencia Sass	9	Atlantis Sekondêre Skool	Skoon Tandeborsels
Health Care and Sports Science	Desren Jacobs	9	Atlantis Sekondêre Skool	Fish Wize
Medical Sciences - Human Biology	Timothy Juries Colleen Kondowe	10	Atlantis Sekondêre Skool	"Dangerous H2O"
Social and Psychological Sciences	Sharon Mabena Earl-Ray Basson	11, 12	Atlantis Sekondêre Skool	Music Mnemonics

Ingenieurswese - Meganies, Lugvaartkundig, Industrieel	Ron de Villiers	12	Hoërskool Sentraal	"Solar Hydrogen Plant"
Energy	Stefan C de Wet	12	Curro Private School-Durbanville	Alternative, sustainable energy from the tides
Gesondheidsorg en Sportwetenskap	Lesca Loubser Mignon Sherriff	11	Hoërskool Bellville	Voorkom droë vel
Environmental Science and Ecology	Chloe Ile	12	The Settlers High School	Desalination: Seawater, anybody?
Food Sciences and Food Technology	Lazlo Adams	11	The Settlers High School	To rot or not to rot.
Physics, Astronomy and Space Science	Avery Ruiters	10	The Settlers High School	Supercooling and flash freezing.
Environmental Science and Ecology	Matthew van Marken	9	Bridge House School	Effect of water quality on plant growth
Health Care and Sports Science	Andrew Flanagan	9	Bridge House School	How clean is green?
Physics, Astronomy and Space Science	Georgina Visser	9	Bridge House School	Surface tension of various liquids
Gesondheidsorg en Sportwetenskap	Elfrieda Viljoen Anke Prins	11	Hoërskool Vanrhynsdorp	Lei Depressie tot Selfmoord?
Omgewingswetenskap en Ekologie	Cynthia Koopman Sharon Adriaan	10	Vredendal Senior Sekondêre Skool	Watter impak het klimaatsverandering op landbou?
Dierwetenskap en Veeartsenykunde	Rulani Visser Nadia van Eeden	10	Hoërskool Bredasdorp	Effektiefste insekdoders
Fisika, Sterrekunde en Ruimtetwetenskap	Patricia Theron	11	Hoërskool Bredasdorp	Invloed van sonsiklus op Bredasdorp se reënval
Gesondheidsorg en Sportwetenskap	Elmarie Viljoen Jenna Pratt	9	Hoërskool Bredasdorp	Sjokolade en depressie
Omgewingswetenskap en Ekologie	Dinand Pieterse Neil Mathee	10	Hoërskool Bredasdorp	Ontsoouting van seewater
Environmental Science and Ecology	Annique Leibrandt Michelle Mentoer	9	New Orleans Senior Secondary School	Ozone destruction

Dierwetenskap en Veeartsenykunde	Jani Otto Inge Matthee	9	Hoër Meisieskool Bloemhof	'n Kokkerot se kognitiewe vermoëns
Plantwetenskappe	Imke Agenbach Nina Esbach	9	Hoër Meisieskool Bloemhof	Magnete het 'n effek op die groei van radysplante
Gesondheidsorg en Sportwetenskap	Adelle Basson	10	Hoërskool Stellenbosch	Hartaanvalle
Omgewingswetenskap en Ekologie	Landri Lombard Louis Aucamp	10	Hoërskool Stellenbosch	Bestuur en herwin die Stellenbosch omgewing eafval effektief?
Energie	Kanja van der Merwe Joa Swart	7	Laerskool Eikestad	"Bright Spark"
Voedselwetenskap en Voedseltegnologie	Margeaux Goosen	7	Laerskool Eikestad	Net 'n koppie warm melk
Voedselwetenskap en Voedseltegnologie	Jana Visser Michelle Gouws	7	Laerskool Eikestad	Die uitwerking van stysels en suikers op gis
Energy	Daphne G Chiunye Yena Kim	10	Rhenish Girls High School	Cow dung electricity
Energy	Frankie Mattes Solene Dehosse	10	Rhenish Girls High School	Biomass: The solution to South Africa's energy crisis
Environmental Sciences and Ecology	Chloe van Niekerk Lara Correira	10	Rhenish Girls High School	Cleaning water with plants naturally
Gesondheidsorg en Sportwetenskap	Marista Smith	9	Augsburg Landbougimnasium	Is daardie pil (medisyne) nodig?
Ingenieurswese - Meganies, Lugvaartkundig, Industrieël	Johan Smit	11	Augsburg Landbougimnasium	Verbeterde Plat-ry-hek
Omgewingswetenskap en Ekologie	Marna van Wyk Carla Kotzenberg	10	Augsburg Landbougimnasium	Fynbos-fauna en -flora: Hoekom juis hier?
Gesondheidsorg en Sportwetenskap	Marian Stone Lylani van Lill	9	Hoërskool Piketberg	Beskerm jou tandepasta jou tande?
Plantwetenskappe	Ané Venter	9	Hoërskool Piketberg	Geraas
Plantwetenskappe	John Eksteen Junanri Richter	10	Hoërskool Piketberg	Effek van sigaretrook op aarbei plante
Health Care and Sport Science	Zaakirah Dalwai Zenellia Griffiths	10	Hoërskool Diazville	Mother Nature's Answer

Landbouwetenskappe	Chandre Cloete Anthea Boks	9	Hoërskool Diazville	Grys Hidroponika
Omgewingswetenskap en Ekologie	Brent Boys Le-Tecia Africa	11	Hoërskool Diazville	Uitlaatgasse vir elektrisiteit
Social and Psychological Sciences	Alicia Kotze	10	Hoërskool Velddrif	Animal abuse
Gesondheidsorg en Sportwetenskap	Cathinka Botes Somari Swart	9	Hoërskool Vredenburg	Hoor-hoor
Gesondheidsorg en Sportwetenskap	Mariëtte Jansen van Rensburg Chani Brits	9	Hoërskool Vredenburg	Bring jou kant en behou jou tand
Gesondheidsorg en Sportwetenskap	Marné la Grange Bianca Janse van Rensburg	9	Hoërskool Vredenburg	Skop in dop of 'n flop?
Landbouwetenskappe	Mischa Carsten Curtly Louw	9	Hoërskool Vredenburg	Gronderosie
Sosiale- en Geesteswetenskappe	Tammy Cloete Jessica Cloete	9	Hoërskool Vredenburg	Kwelpad, Snelpad, Kruispad
Energie	Jandré Prinsloo Jaco Schoeman	7	Laerskool Saldanha	Kernkrag = Oplossing

This region's representatives at the national competition in Pretoria from 1-2 October 2010

Category	Name	Surname	Gr	J/S	School	Region	Project title
Health Care and Sport Science	Jaydey	Sass	12	S	Atlantis Sekondêre Skool	Atlantis	Kalmte
Environmental Science and Ecology	Daniel	Pretorius	9	J	Bridge House School	Franschoek	Indigenous trees - most CO2 absorbed per litre water used.
Energy	Stefan C	de Wet	12	S	Curro Private School-Durbanville	Bellville	Alternative, sustainable energy from the tides
Agricultural Sciences	Madeleine	Carstens	9	J	Hoër Meisieskool	Stellenbosch	Braaikuikenmis beïnvloed die groei van Tilapiavisse
	Carla	Van Schalkwyk	9	J	Bloemhof		
Energy	Mabru	Uys	9	J	Hoër Meisieskool Bloemhof	Stellenbosch	n Huis met 'n noordelike aansig bespaar die meeste krag
Animal/Veterinary Science	Helène	Booyens	12	S	Hoër Meisieskool	Stellenbosch	Alternatiewe terapie verbeter die fisieke en emosionele welstand van perde
	Elisna	Dicks	12	S	Bloemhof		
Food Sciences and Food Technology	Simone	van den Berg	11	S	Hoërskool Bellville	Bellville	Verskillende soorte melk se kalsiuminhoud
	Anel	Mouton	11	S			
Engineering: Mechanical, Aeronautical, Industrial	Dillon	Hopley	11	S	Hoërskool Bredasdorp	Overberg	Rooklose kaggel
Environmental Science and Ecology	Fahiema	Abdol	9	J	Hoërskool Diazville	Weskus	'n Veer wat die olie keer!!!
	Samantha	Pinto	9	J			
Agricultural Sciences	ZA	Walters	10	S	Hoërskool Graafwater	Swartland	Voerkraal troef lae graanpryse
Social and Psychological Sciences	Suemari	Bezuidenhout	10	S	Hoërskool Stellenbosch	Stellenbosch	Barokmusiek verbeter kognitiewe funksionering
Animal/Veterinary Science	Lisa-Mari	Bester	10	S	Hoërskool Velddrif	Weskus	Treating <i>Laminitis</i> with the Hoof Spa
Environmental Science and Ecology	Christoff	Geldenhuis	9	J	Hoërskool Vredenburg	Weskus	Byt die gier? Maar water is so duur!
Energy	Henco	Botha	11	S	Hoërskool Vredenburg	Weskus	Goed, beter, LED
Health Care and Sport Science	Siphosethu	Mbuli	10	S	Kayamandi High School		Drinking coffee makes you more alert
Innovation & Technology	Jason Tian	Jordaan Alberts	7	J	Laerskool Eikestad	Stellenbosch	Omgewingsvriendelike sonkragselfoon
Agricultural Sciences	Vinzanio Calvin	Galawe Meintjies	9	J	Maskam Primêre Skool	Kring 5	Skaapwagter: Anatoliese Herdershond of tegnologie

Physics, Astronomy and Space Science	Savia	Fedeli	10	S	Rhenish Girls High School	Stellenbosch	Goal! The aerodynamics of the "Jabulani" soccer ball
	Chelsea	de Beer	10	S			
Physics, Astronomy and Space Science	Aimee	Scholtz	10	S	Rhenish Girls High School	Stellenbosch	Chaos
Plant Sciences	Eike Arrienne	Davis Arendse	12	S	The Settlers High School	Bellville	Tea for two.

The names of the special prize winners

Category	Name	Gr	School	Project title	Special Prize
Food Sciences and Food Technology	Farren Visagie	12	The Settlers High School	Just Juice: Vitamin C content of common juices.	Best Senior Food Sciences project
	Jaydee Cyster	12			
Gesondheidsorg en Sportwetenskap	Bernley Thyssen	8	Hoërskool Diazville	Cool, Cooler, Coolste	Best Junior Project in the Health Sciences
	Genevia Ackers	8			
Physics, Astronomy and Space Science	Aimee Scholtz	10	Rhenish Girls High School	Chaos	Best Senior project in Physics AND Best Project by a Girl
Plant Sciences	Eike Davis	12	The Settlers High School	Tea for two.	Best Senior project in the Plant Sciences
	Arrienne Arendse	12			
Aardwetenskap: Geologie en Geografie	Naomi Hattingh	9	Hoër Meisieskool Bloemhof	Die opvang en ondergrondse berging van CO2	Best Earth Sciences project
Innovering en Tegnologie	Jason Jordaan	7	Laerskool Eikestad	Omgewingsvriendelike sonkragselfoo	Best grade 7 project AND Best Innovation and Technology project
	Tian Alberts	7			
Chemie	Dale Badenhorst	9	Hoërskool Vredenburg	Tuisgemaakte gom	Best Junior Chemistry project
Dierwetenskap en Veeartsenykunde	Jani Otto	9	Hoër Meisieskool Bloemhof	'n Kokkerot se kognitiewe vermoëns	Best Junior Animal Sciences project
	Inge Matthee	9			
Landbouwetenskappe	Madeleine Carstens	9	Hoër Meisieskool Bloemhof	Braaikuikenmis beïnvloed die groei van Tilapiavisse	Best Junior Agricultural Sciences project
	Carla Van Schalkwyk	9			
Omgewingswetenskap en Ekologie	Fahiema Abdol	9	Hoërskool Diazville	'n Veer wat die olie keer!!!	Best Junior environmental project AND a book prize
	Samantha Pinto	9			
Fisika, Sterrekunde en Ruimtetwetenskap	Marion Webber	7	Laerskool Eikestad	Helium bons hoër	Best Junior project in Physics
Plantwetenskappe	Ockert Goosen	7	Laerskool Eikestad	"Magnetiese" goedheid uit die grond uit	Best Junior project on Plant Sciences
Sosiale- en Geesteswetenskappe	Greta de Waal	9	Hoër Meisieskool Bloemhof	Aknee se invloed op tienerseuns en -meisies	Best Junior project on Social problems and Psychological Health
	Emma Beukes	9			
Herbenutte Materiale	Emma Smit	9	Hoër Meisieskool Bloemhof	Effektiewe mikrobies maak van 'n berg 'n molshoop	Best Junior project that uses recycling
Voedselwetenskap en Voedseltegnologie	Magan Hanekom	9	Hoër Meisieskool Bloemhof	Getekstureerde groenteproteïene versus 'n maalvleisburger	Best Junior Food Sciences project

Energie	Henco Botha	11	Hoërskool Vredenburg	Goed, beter, LED	Best research project on Energy
Energie	Pierre Schaafsma	11	Hoërskool Stellenbosch	Bome maak elektrisiteit.	Best research project on renewable, alternative or sustainable energy
	Stefan Schreuder	11			
Energie	Mabru Uys	9	Hoër Meisieskool Bloemhof	n Huis met 'n noordelike aansig bespaar die meeste krag	Best project in the Energy category
Animal/Veterinary Science	Lisa-Mari Bester	10	Hoërskool Velddrif	Treating <i>Laminitis</i> with the Hoof Spa	Best senior Animal Sciences project
Landbouwetenskappe	ZA Walters	10	Hoërskool Graafwater	Voerkraal troef lae graanpryse	Best senior Agricultural Sciences project AND Best project by a boy
Environmental Science and Ecology	Aimée Hadzis	10	Rhenish Girls High School	Chlorine: blessing or death trap?	Best senior environmental project AND a book prize
Mediese Wetenskappe: Siektes en siekteveroorsoekende organismes	Curtley Pretorius	10	Hoërskool	Vuvu jou duiwel!	Best senior project in the Medical Sciences
	Duran Verwey	10	Diazville		
Health Care and Sport Science	Marzahn Theart	11	Hoërskool Velddrif	Dental Detention	Best senior project in Health Care
Sosiale- en Geesteswetenskappe	Suemari Bezuidenhout	10	Hoërskool Stellenbosch	Barokmusiek verbeter kognitiewe funksionering	Best Senior project on Social problems and Psychological Health
Food Sciences and Food Technology	Farren Visagie	12	The Settlers High School	Just Juice: Vitamin C content of common juices.	Best senior Food Sciences project
	Jaydee Cyster	12			
Plant Sciences	Siphesihle Figlan Simthembile Gudla	11	Kayamandi High School	Alien plants use more water than indigenous plants	Grasslands Society Certificate
Ingenieurswese: Meganies, Lugvaartkundig, Industrieël	Dillon Hopley	11	Hoërskool Bredasdorp	Rooklose kaggel	Engineering Prize