



ANNUAL REPORT 2021

LOGISTICS

***“THE ROOTS OF EDUCATION ARE BITTER,
BUT THE FRUIT IS SWEET.”***

~ ARISTOTLE



TRAC
ERADICATING POVERTY

Stellenbosch
UNIVERSITY
IYUNIVESITHI
UNIVERSITEIT

Number of TRAC Points 2021

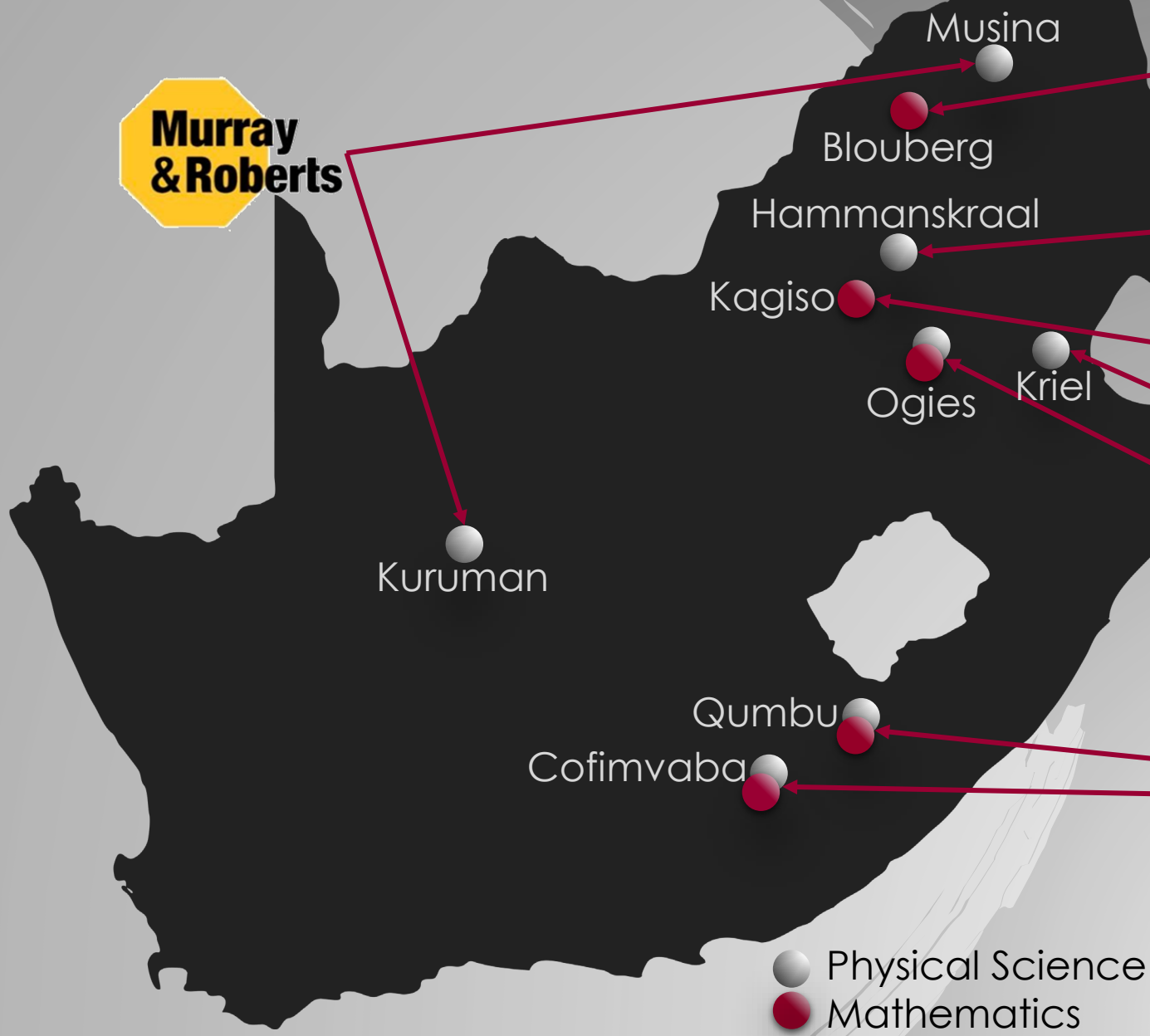
TRAC operated in 9 areas during 2021. We are grateful to our 2021 financial partners, **National Ceramic Industries, Murray & Roberts (and Letsema Sizwe Trust), Komatsu Foundation, Steinmüller, Italtile & Ceramic Foundation, and the Department of Transport.**

New points were established in Kriel (Mpumalanga – Physical Science) and Kagiso (Gauteng - Mathematics) as a result of new partnerships forged with Steinmüller and the Italtile & Ceramic Foundation. In Ogies (Mpumalanga) we were able to expand our beneficiary offering to include Mathematics, thanks to the increased funding received from the Komatsu Foundation.

Unfortunately Eskom Foundation did not renew their funding of 6 Physical Science and 6 Mathematics points in the Eastern Cape province. Two of these TRAC points, Cofimvaba and Qumbu, were continued in 2021 with TRAC funding. This decision was a strategic one, thereby keeping a TRAC footprint in this province. Likewise, Gautrain Management Agency, due to budgetary constraints opted to withdraw their funding of the 3 Physical Science points in Gauteng. The funding period for the Physical Science points in the Western Cape and KwaZulu-Natal provinces, which were funded by the Department of Transport, came to an end at the end of 2020.

	2019		2020		2021	
	M	PS	M	PS	M	PS
EC	6	7	6	6	2	2
GN		4		4	1	1
KZN		2		2		
LP		2		2	1	1
MP		2		1	1	2
NC		1		1		1
WC		1		1		
TOTAL	6	19	6	17	5	7

Locations of TRAC Points 2021



transport

Department:
Transport
REPUBLIC OF SOUTH AFRICA



CERAMIC INDUSTRIES

Creators of style



ITALTILE

LIVE BEAUTIFULLY

Steinmüller

KOMATSU



FINANCES

**“AN INVESTMENT IN KNOWLEDGE PAYS
THE BEST INTEREST.”**

~ BENJAMIN FRANKLIN



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Financial Report

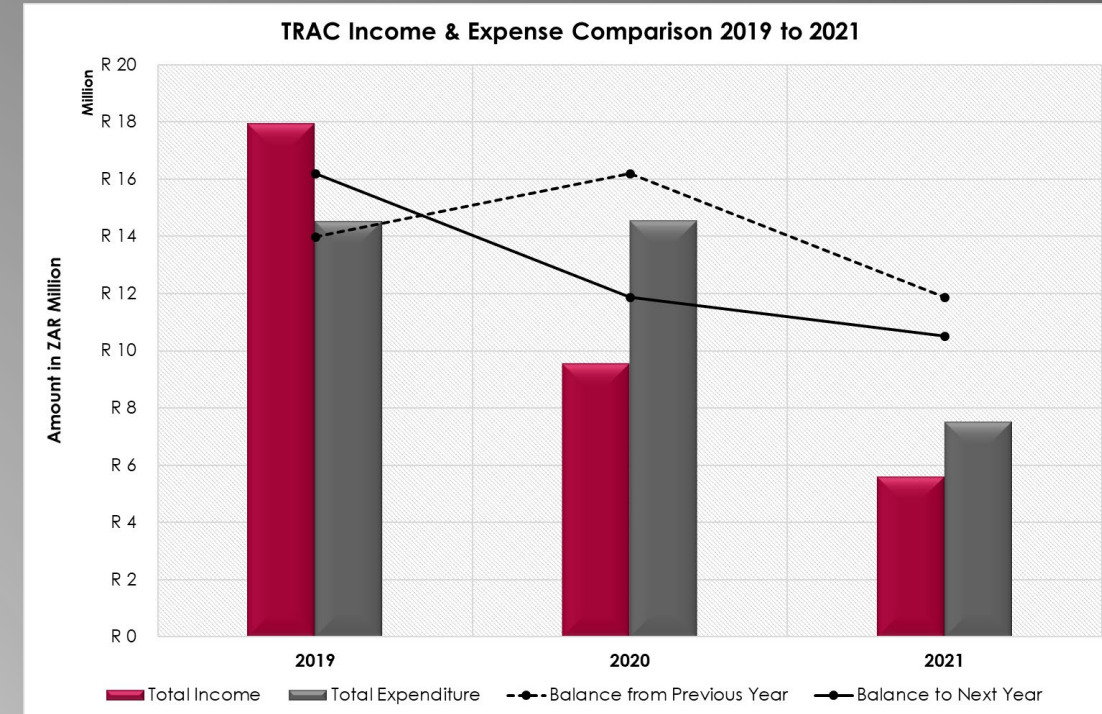
We remain grateful for the support of our financial partners. Their donations made it possible for TRAC to operate in 45 secondary schools.

TRAC commenced 2021 with **R11 885 258**, carried over from 2020. During 2020, this balance was augmented with **R5 610 095** from our financial partners. Income for 2021 was **58.8%** in comparison to the previous year.

Apart from financial partners supporting TRAC points, **Mix Telematics** again donated funds for laptops for the top-performing TRAC@Maties students.

Expenditure during 2021 amounted to **R7 513 276**, which was **51.7%** of the expenditure in 2020. We are satisfied that fiscal disciplinary measures implemented in 2021 ensured that we optimised expenditure.

The year concluded with a balance of **R10 525 569**, which is **12.9%** lower than the closing balance of 2020. (Detailed financial statements in Addendum)



OUTCOMES

**“BETTER THAN A THOUSAND DAYS OF
DILIGENT STUDY IS ONE DAY WITH A
GREAT TEACHER.”**

~ JAPANESE PROVERB



Beneficiary Outcomes

Integer convallis suscipit ante eu varius. Morbi a purus dolor.

ACADEMIC INTERVENTION

Mathematics & Physical Science

5 Secondary Schools
500 Beneficiaries
Monday to Friday
During & After School Hours
Weekend & Vacation Programs

TERTIARY APPLICATIONS

Vocational Guidance

Career Interest Tests
One-on-one interviews to align
abilities with interest
3 tertiary applications per
beneficiary

BURSARY APPLICATIONS

Funding for Tertiary Studies

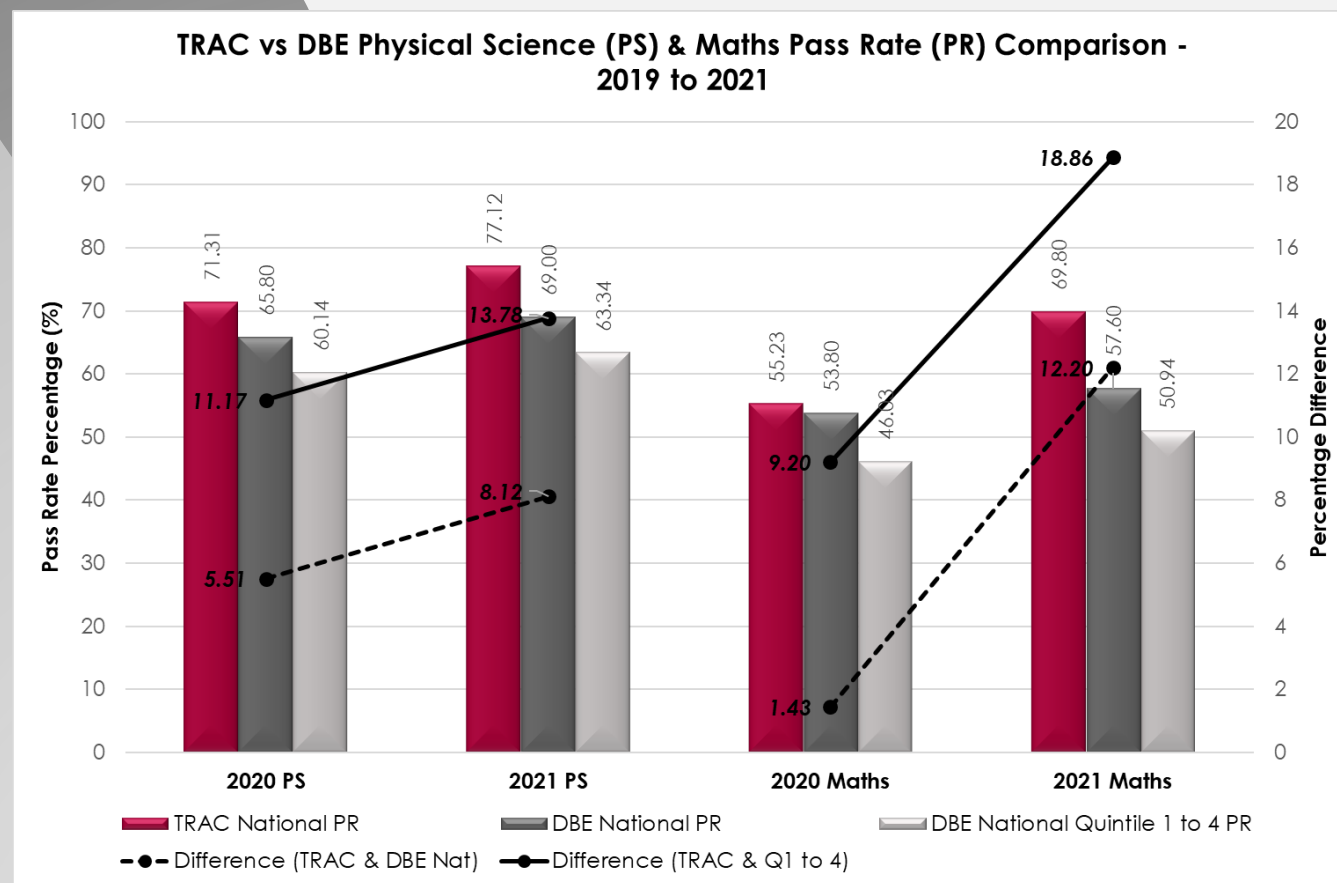
Assistance for grade 12
beneficiaries for intended
tertiary studies

Academic Results Pass Rate Percentage

Enduring tumultuous grade 11 and 12 academic years, in which Covid-19 restrictions impacted severely on teaching and learning, the grade 12 cohort of 2021 performed remarkably. Despite severe challenges over 2 years, the pass rate for both Mathematics (Maths) and Physical Science (PS) improved substantially from 2020.

The PS pass rate of the DBE, which includes schools from ALL quintiles, improved by 3.20%, from 65.80% in 2020, to 69.00% in 2021. The PS pass rate of quintile 1 to 4 schools of the DBE improved by 3.20% from 60.14% to 63.34% over the same period. TRAC's PS pass rate improved by **5.80%** from 71.31% to **77.12%**. The TRAC PS pass rate for 2021 is 3.93% shy of that of 2019 (pre-Covid-19).

The Maths pass rate of all schools of the DBE improved by 3.80% from 53.8% to 57.6%. The Maths pass rate of quintile 1 to 4 schools of the DBE improved by 4.91% from 46.03% to 50.94% over the same period. TRAC's Maths pass rate improved by **14.90%** from 55.23% to **69.80%**. It is noteworthy that the TRAC Maths pass rate has exceeded that of 2019 (pre-Covid-19), by 6.09%.



Academic Results Average Percentage

	TRAC Nat AVG	Yr to Yr TRAC	DBE Nat AVG	Yr to Yr DBE	Difference (TRAC & DBE Nat)	DBE National Q1 to Q4 AVG	Yr to Yr DBE Q1 to Q4	Difference (TRAC & Q1 to 4)
2019 PS	46.29							
2020 PS	41.62	-4.67	39.06		2.56	36.62		5.00
2021 PS	44.05	2.42	39.85	0.79	4.20	37.49	0.87	6.56
2019 Maths	37.93							
2020 Maths	35.15	-2.78	34.10		1.05	30.29		4.86
2021 Maths	40.03	4.88	35.77	1.67	4.26	32.04	1.75	7.99

Since 2020 TRAC has been able to obtain the Mathematics and Physical Science marks of all grade 12 learners nationally. Being in possession of these statistics has allowed us to not only report on pass rates but to do an analysis and comparison on average percentages as well.

After losing some ground during a school closure disrupted year in 2020, some comeback has been made in 2021. The TRAC Physical Science average percentage increased to **44.05% (by 2.42%)**, whilst the DBE National average improved by 0.79% to 39.85%. The DBE (Q1 to Q4) schools recorded an average of 37.49%. This implies that TRAC schools outperformed the DBE national results by **4.20%** and the DBE (Q1 to Q4) schools by **6.56%**.

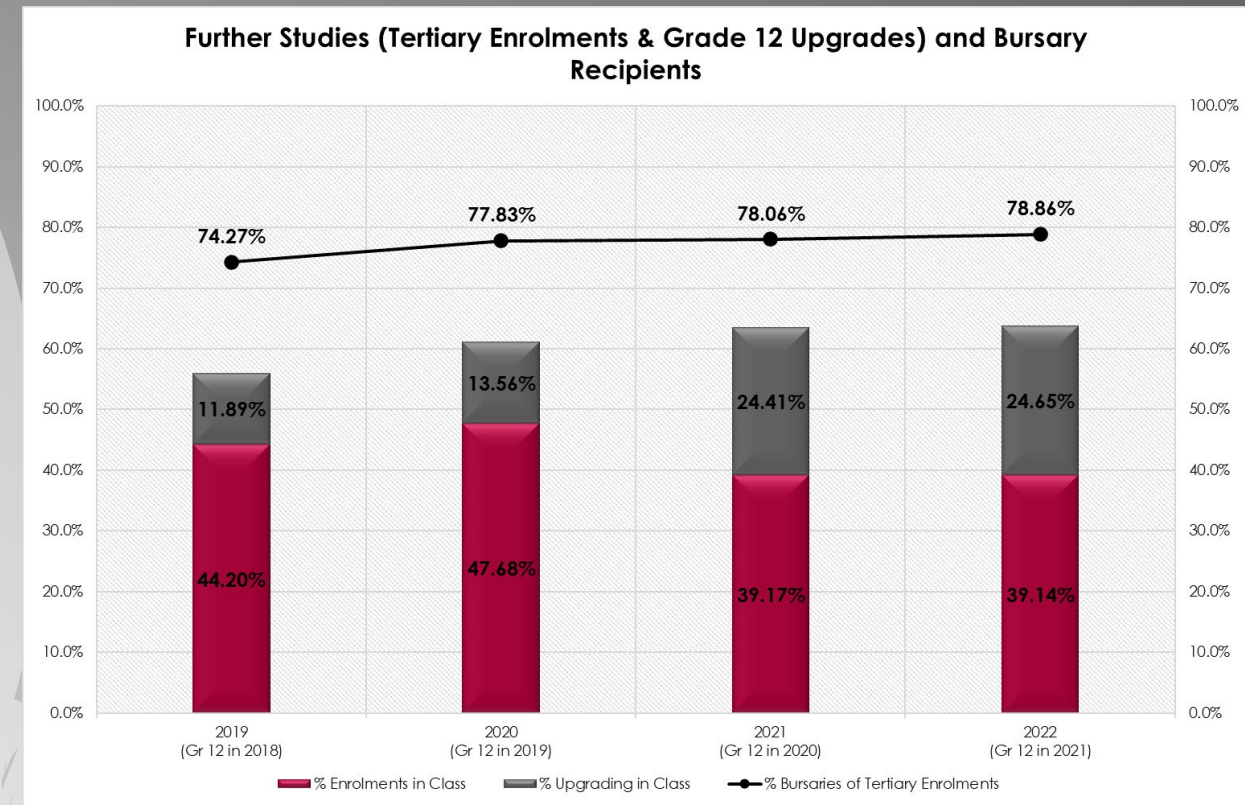
The TRAC Mathematics average percentage increased to **40.03% (by 4.88%)**, whilst the DBE National average improved to 35.77% (by 1.67%). The DBE (Q1 to Q4) schools recorded an average of 32.04%. This implies that TRAC schools outperformed the DBE national results by **4.26%** and the DBE (Q1 to Q4) schools by **7.99%**.

TERTIARY & BURSARY OUTCOMES

We assist our learners to apply for tertiary studies which are aligned with their expectations and their abilities.

A total of **39.14%** of the 2021 Grade 12 class have registered for tertiary studies, compared to 39.17% in the previous year (depicted in the maroon bars). A substantial percentage (**24.65%**) of our grade 12 cohort of 2021 have decided to improve their grade 12 results (grey bars). These students are either attending grade 12 subject lectures at tertiary institutions or at schools.

We assist each of our students to apply for bursaries for their intended tertiary studies. Currently, **78.86%** (78.06% in 2021) of the learners that have taken up tertiary studies do so with funding. The students that have not obtained funding for their tertiary studies did not qualify due to their household income being above the NSFAS threshold, or they are studying at an institution which NSFAS does not fund, or they are non-SA residents.



HIGHLIGHTS

“EDUCATION IS THE PASSPORT TO THE FUTURE, FOR TOMORROW BELONGS TO THOSE WHO PREPARE FOR IT TODAY.”

~ MALCOLM X



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Steinmüller ~ TRAC Partnership

Kriel, Mpumalanga

In 2021, Steinmüller Africa came on board as a new financial partner to TRAC. The partnership has already shown to be beneficial to the selected TRAC schools in the area. The collaboration between TRAC and Steinmüller Africa is an active one in which there is an active participation of the company with the learners of the schools. We look forward to a fruitful future with Steinmüller Africa.

Mix Telematics Laptop Award Ceremony

For the second year running, Mix Telematics, a leading global provider of fleet and asset management solutions, donated funds to TRAC for the advancement of ICT in the Western Cape area. The donation enabled us to award top performing TRAC students at Stellenbosch University with personal laptops.

Possessing their own laptops, students are better equipped to cope with the demands of hybrid teaching models, especially during the pandemic.

The laptops, in branded laptops bags, were handed to the 35 TRAC alumni at an awards function on Wednesday 12 May 2021. We thank Mix Telematics for the donation which has continued to make a difference in our alumni's ability to excel academically.





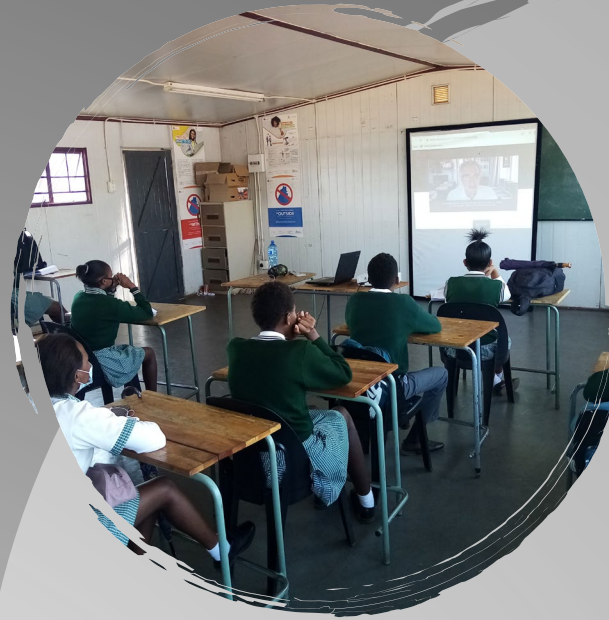
The Steinmüller-TRAC partnership is mutually beneficial, a symbiotic relationship. Mr. Leon Botha, the Talent and Organisational Development Manager, and Mrs. Mary Davel, the Recruitment Specialist at Steinmüller utilised the Potential Index Battery (PIB) instrument in assessing grade 12 learners. All grade 12 learners from the Steinmüller project, as well as those from the Komatsu project, benefited from these tests. It was a wonderful addition to the TRAC vocational guidance strategy. Five learners were selected through this process to become part of the Steinmüller skills development program in 2022.

PIB Testing

Steinmüller

Stellenbosch University Online Open Day

Early in 2021, three hundred and forty-four of our grade 12 learners were identified as potential Stellenbosch University applicants. Due to Covid-19 restrictions, the institution conducted an online Open Day. This format enabled all our grade 12 selected learners to attend informative sessions by each of the faculties. Each of these learners were assisted to apply for three courses of study offered by this institution. In early February of 2022, sixty TRAC learners registered for first-year studies. Nine TRAC learners were accepted at Scimathus, the bridging program of Stellenbosch University. The number of first-year enrolments is substantially lower than previous years. In 2021, 114 TRAC alumni registered at this institution. It has become apparent that many learners cannot afford to study at institutions which are located far from their homes.





On 4 and 5 May a delegation from Ceramic Industries and TRAC visited the 10 TRAC schools in the Hammanskraal area. The purpose of the visit was to motivate the Grade 12 Physical Science learners to work hard at their academics to optimise their chances of being accepted for tertiary studies. TRAC alumni, currently studying at tertiary institutions, as well as those doing internships at SAMCA, had an opportunity to engage with the learners. Each attendee received a calculator as a gift from Ceramic Industries.

Ceramic Industries

Roadshow

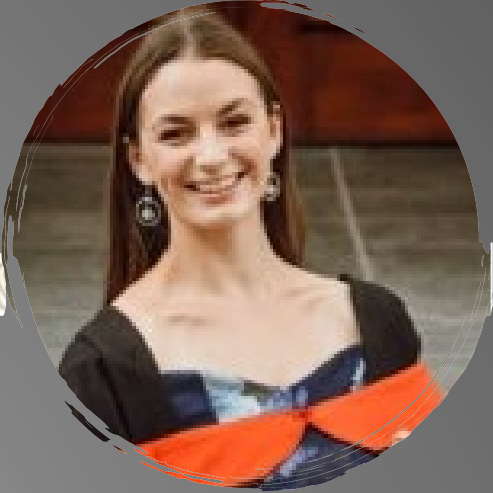
SUCCESS STORIES

**“EDUCATION IS THE MOST POWERFUL
WEAPON WHICH YOU CAN USE TO
CHANGE THE WORLD.”**

~ NELSON MANDELA



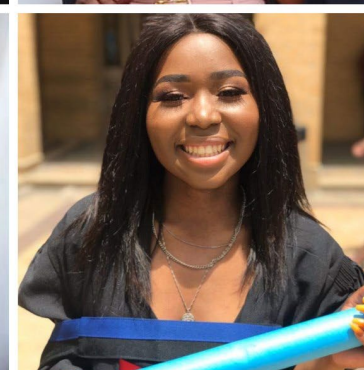
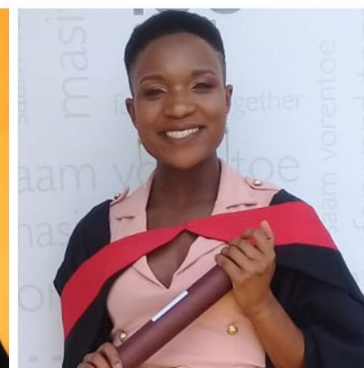
Stellenbosch University Graduates



It is a proud moment when TRAC alumni come full circle to graduate! We congratulate all our TRAC@Maties students who graduated after completing their 2021 tertiary studies. In the photos are a few of the TRAC students who were able to graduate in person : Nokuthaba Moyo (BEng Mechanical), Sinalithemba Mbungu (BComm), Govan Crotz (BSc), Basetsana Dimapo (BA Humanities), and Nolene Coetzee (BSc), on reaching an academic milestone.

We are again proud of Georgina Makhae, who completed her PGCE, after graduating with a BSc degree the year before.





THANK YOU

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