

“A Day in the Life of a Consulting Engineer”



ENGINEERING
PROCUREMENT
MANAGEMENT

BIG ENOUGH TO MAKE A DIFFERENCE. SMALL ENOUGH TO CARE

BVi Gauteng was thrilled to have hosted another successful job shadowing day for The Glen High School students. Last year's event was a tremendous success, 15 of the brightest students from the school had an unforgettable experience visiting the Ford Frame Line, TASEZ, Africa's first automotive city. This award-winning factory is a true inspiration and paragon of engineering brilliance.

OVER 435 LEARNERS

This year a team of passionate engineers engaged and expressed their experiences working as consulting engineers offering students an incredible opportunity to interact with them. After engaging with the 400 students at the school, we proudly took 20 young talents to experience a construction site, Fernal Park Ridge. The apartment blocks are situated in Olympus and BVi Consulting Engineers are responsible for the wet services, fire and electrical engineering.



Job Shadow Initiative 2023



We emphasized the importance of teamwork, communication and lifelong learning.

Our goal is to pave the way for the future of engineering and contribute to building a better world. We believe that hands-on experiences and exposure to real-world projects are essential for students to understand the exciting opportunities that lie ahead in the engineering field.

A big thank you to The Glen High School for collaborating with us and to all the students who participated. We hope this experience sparks their passion for engineering and empowers them to shape the world. We look forward to continuing this tradition and inspiring more young talents in the future!

Young Professionals involved were:

Massiquini Tembe, Swesha Machere and Bakithi Mngomezulu



Another big thank you to Nqakathela Secondary School

BVi Springbok hosts students throughout the year at their offices.

Juan Scheepers and Chloë Mostert visited the office last month and were exposed to various engineers, and the different software used.

BVi Springbok has also been invited by the Scholarly Network to participate in STEM career Display/Demonstrations at Khai Ma Municipality Career Expo on 15th August. We will be exhibiting there and exposing **850** scholars to the Life of a Consulting Engineer.

I spent a few hours at the office with Enrico van Jaarsveld. He explained what engineering is and everything the job entails. We also looked at pictures of a few different projects. Juan Botes went through building plans, using a fancy 3-D app. I really enjoyed my time there and learned a lot about engineering as a career option.

WATCH THIS SPACE

Juan Scheepers
Grade 11
Martin Oosthuizen High School

Chloë Mostert
Grade 11
Stellenbosch Highschool.

BVi KZN also visited Nqakathela Secondary School, which is a public secondary school located at Intapauka area, Verulam, in KwaZulu-Natal Province. Presentations were made to 33 grade 10 and 11 learners studying Maths and Science.

The session ended with a fun quiz and lots of gifts.

The kids were then transported to visit a site – The Umdloti Bridge. The new river bridge on Main Road P713 is a 4-span bridge over the Umdloti River. This structure will replace an existing low-level crossing which is regularly overtopped during the wet season, isolating communities who risk their lives at the crossing. The new bridge has been designed for a 1:50 year return period and will provide safe passage over the river for pedestrians and 2 lane traffic. The Contract has been awarded to WSM Group for R 79 million, with a 12 month construction period. BVi was appointed to do the design review and construction supervision.

Young Professionals who assisted in this event:

Philisiwe Langa – Electrical and Neil Lubout – Roads & bridges

