CESA — Consulting Engineers South Africa

mpamot

MPAMOT JOB SHADOW DAY INITIATIVE
JHB OFFICE : SCHOOL TALK - FERNDALE HIGH SCHOOL

At MPAMOT, we believe in nurturing the potential of young minds and guiding them towards a path of excellence through the power of mathematics and science. With a passion for engineering and a vision to structure the future for South Africa and beyond, the JHB office recently had the privilege of addressing **Grade 9 students**, as well as **Maths and Physical Science Grade 10 students at Ferndale High School** (over 220 students) on 20 July 2023 in an inspiring motivational talk and theatrical performance! The aim was to showcase the wonders of engineering, impart knowledge on tertiary study opportunities and requirements, and emphasize the significance of mathematics in shaping their futures.

Our Hosts
Pravana Cattigan
Ryan Naamdhew

As the heartbeat of engineering, mathematics emerged as the centerpiece of our motivational talk and the various career paths opened up if one succeeds in the subject.

Future Engineers

Renewable Energy
Afroz Khan

Civil
Dr. Mpho Motsa

Infrastructure
Kemeshen Padayachee
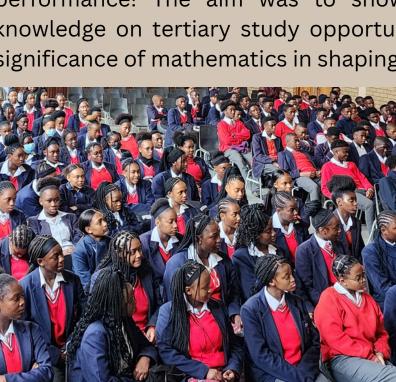
Advisory
Trevor Ncalo

Environmental
Ryan Naamdhew

Social
Laurie Sloan

Recognizing that choosing the right subjects, hard work, and thinking creatively can shape one's future, our talk delved into the importance of making informed decisions during the critical phase of subject selection. **Each speaker covered different disciplines from the world of engineering**, noting that each requires a unique skill set and passion. By sharing success stories of accomplished engineers from diverse backgrounds (and including a theatrical performance based around a client looking for an engineering team at a CESA Networking Event!), we aimed to **inspire students** and **instill confidence to pursue their dreams fearlessly**, regardless of economic and personal barriers.

At the end, we gave each student stickers to show us which disciplines they would want to pursue in the future:

Business Admin & Support | Environmental & Social | Civil Engineering | Renewable Energy | Infrastructure Engineering | Advisory