

FROM DESK TO DIGITAL TO REALITY: **ENGINEERING TOMORROW!**



Shaping Young Minds Through Real-World and Digital Experiences

Irtual reality, digital modelling and a live bridge site visit – a day of engineering innovation in action!

SMEC South Africa's KwaZulu-Natal region recently welcomed 10 Grade 8 and 9 learners from Umkhumbane Secondary School for a hands-on Day in the Life of a Consulting Engineer. This wasn't just about hard hats and blueprints - it was about showing the next generation how digital tools are reshaping the world of engineering.

From experiencing infrastructure in immersive VR to learning how data and modelling drive design and decision-making, learners were introduced to the exciting possibilities of a tech-driven profession. They met engineers using cutting-edge tools to solve real-world challenges, reinforcing that today's engineers are just as fluent in software and simulations as they are in structures and soil.

The day highlighted just how powerful digital







ENGINEERING THE FUTURE PODCAST

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