

A Day in the Life of a Consulting Engineer

Job Shadow Day 2019 | Cape Town | 9 Pupils from 2 Schools



Start off the day with a quick word from the Boss about **the work we do**



Young engineers offer **insight into the industry** for the pupils



A quick briefing about **wastewater treatment works** and safety on site



Time for some hydraulic engineering with the **Aquilibrium - Pipe Network Design Challenge**



Borcherds Quarry Wastewater Treatment Works was an **eye-opener** about civil engineering



Learning about the design process
Identify - Research - Plan - Test - Improve



Only one team can be the **Champions**



Lessons learned on the day will hopefully **inspire** these pupils to **pursue engineering**

JG Afrika embarked on an adventure to teach enthusiastic high school pupils about civil engineering. Our adventure involved young engineers explaining the options available to the learners in consulting engineering as well as taking them around the office to learn about what we do everyday. The site visit to Borcherds Quarry WWTW and the pipe network design (Aquilibrium Challenge) gave the pupils an in-depth look into the creative and complex work of engineering consultants. We hoped that this experience would provide guidance for their own journeys and adventures into the world of engineering.