

A day in the life of a Consulting Engineer

CESA Job Shadow Day 2015 Joburg Office ARUP



Introducing the students to Arup



Explaining the PwC Tower in Waterfall



Students were taught the construction methods of columns and bases on the site



Arup's PwC Project Manager, explains the coordination of different services in the building



Graduate engineers explain the foundation layout of the super basement



Students pictured with the Site Engineer (WBHO) and Design Engineers (Arup)



Walk through what will be a five storey basement



Students discussing how to build their paper tower



The winning team standing proud next to their tower



Excited and ready to enter the engineering industry!

The Johannesburg office recently hosted fourteen students from The Chosen which gave learners an opportunity to experience "a day in the life of a consulting engineer". The Chosen - of which Arup is a major sponsor - represents orphaned children from government schools in Soweto who have been identified as having the potential to become future leaders in South Africa.

The day kicked off with a brief talk by Damane Hlalele (Southern African Leader) introducing the firm to the learners and showcasing a few of our biggest achievements, current projects and the various sectors we operate in. From experienced dam engineers to graduate integrated urban designers, the learners were left intrigued by the presentations of our staff, showcasing the diversity of our work.

The highlight of the day was certainly the site visit to one of our flagship projects in Johannesburg, the PwC Tower, which is a 27 storey high-rise building with a five storey basement. Currently in construction, the students were taken on a tour of the site, highlighting our involvement in the civil and structural aspects of the project.

The day ended off with a tower building activity where the students had to build the tallest tower with 12 A4 pages and tape. Thereafter graduate engineers explained the processes to be followed when tackling such problems. Kena Nkomo - Director of **The Chosen**, then took the students through a career planning and goal setting exercise where many expressed interest in entering the field of engineering.

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