



→ Provincial Winner

## Excellence in Teaching Natural Sciences

**Name:** Luize Kroukamp  
**School:** Paul Roos Gymnasium  
**District:** Cape Winelands Education District

**Ms Kroukamp is a passionate teacher and lifelong learner who goes the extra mile in promoting and developing a love for her subject, Natural Sciences.**

She strives to make science relevant and explains difficult concepts in simple yet interesting ways by using and advocating for hands-on practical teaching versus textbook knowledge. She engages learners by exposing them to science in the world of engineering and medicine.

Ms Kroukamp has a passion for “real world” science and demonstrates this through hands-on learning and integration with other scientific fields. She brings the outside world into the classroom through methods of engagement and enquiry, advocating for her subject and involving herself in various competitions and expos.

She has a vision for excellence and development and has written textbooks and produced many practical, visual resources, such as YouTube videos, which she openly shares with others.

Ms Kroukamp is a natural mentor to both teachers and learners alike and is keen to

develop both a love for and knowledge on her subject. She regularly speaks at conferences and guides other science teachers as well as subject advisers in her field.

She advises Grade 9 learners on their subject choices and promotes the field of natural sciences. She inspires a love of learning and engagement by inviting experts in their fields to address her learners.

Ms Kroukamp encourages learners and colleagues to participate in both extra- and co-curricular activities and leads by example. She actively pursues opportunities to improve herself by challenging herself to push beyond her boundaries both on a personal and professional level.

Promoting diversity is close to her heart and she initiated the Masithethe Choir at her school with the aim of giving all learners a voice. She addresses the impact and effects of diversity and inclusivity by sharing her personal experiences of being a woman at a boys’ school as well as a woman in management.