



→ Provincial Winner

Excellence in Teaching Physical Sciences

Name: Marieke Pretorius

School: Apex High School

District: Metro East Education District

As a passionate and innovative teacher Ms Pretorius' philosophy is to integrate Fourth Industrial Revolution skills into her teaching to prepare her learners for the future.

Ms Pretorius believes that it is very important to develop lesson plans and have it available on Google and other platforms for learners to use at home as well. During her science lessons, she puts an emphasis on learners experiencing science first hand with mini practicals and uses the methodology of "I do, we do and then you do".

She makes use of blended learning and created a website and Facebook page for her classes where she posts videos and photos of learners and classroom activities. She has various methods to motivate learners to compete and improve and puts special emphasis on women/girls in science.

Ms Pretorius motivates learners to participate in science expos, Olympiads and the National Science Week. She has successfully established four clubs at her school, has been an Eskom Expo judge and is currently creating resources for Natural Sciences that are used by the school's blended learning class.

She believes in collaboration and shares resources in her cluster. She has a passion for learning and has done various professional courses to enhance her knowledge and skills in different aspects of education.

Ms Pretorius' passion for science education hopes to spark a change in learner perspectives on science and taking science to a new level in the future.