STEM & CODING

To ensure that we challenge our learners to develop new ways of thinking, we have a STEM Curriculum (Science, Technology, Engineering and Mathematics). We do critical problem-solving projects to express our creative thinking through design and fabrication.

The importance of a STEM approach is to apply academic concepts with real world lessons in contexts that make connections between school, community, work and global enterprise. We are developing skills to be successful in jobs of the future.

Coding

Our learners from Grade 4 to 7 do coding to develop logical thinking and problem-solving skills. We code through Scratch. Learners enjoy creating their own environment where they can showcase their solutions to problems.

Robotics

We are in the process of implementing our Robotics programme to ensure that the outcomes of our coding skills can be practically applied.

STEM-kurrikulum

Om te verseker dat ons ons leerders uitdaag om nuwe denkwyses te ontwikkel, het ons ‘n STEM-kurrikulum (Wetenskap, Tegnologie, Ingenieurswese en Wiskunde). Ons doen kritiese probleemoplossingsprojekte om ons kreatiewe denke uit te druk deur ontwerp en vervaardiging.

Die belangrikheid van 'n STEM kurrikulum is om akademiese konsepte toe te pas in die werklikheid sodat die kontekste verbindings maak tussen skool, gemeenskap, werk en globale innovasie maak. Ons ontwikkel vaardighede om suksesvol te wees in werksgeleenthede van die toekoms.

Kodering

Ons leerders van graad 4 tot 7 doen kodering om logiese denke en probleemoplossingsvaardighede te ontwikkel. Ons kodeer deur middel van Scratch. Leerders geniet die skep van hul eie omgewing waar hulle hul oplossings vir probleme kan uitwys.

Robotika

Ons is besig om ons Robotics-program te implementeer om te verseker dat die uitkomste van ons koderingsvaardighede prakties toegepas kan word.