

# SciExplo July Holiday Club 2013

The SciExplo Holiday Clubs are week-long programmes which expose learners to disciplines that are not necessarily in the career scope of previously disadvantaged learners. They provide an opportunity for learners to observe real-life applications of theory already learnt in class and that they may beyond. They are offered **free of charge** to learners.

SciExplo held its first holiday club at Tshwane University of Technology Ga-Rankuwa Campus on 1 to 6 July 2013. 36 Grade 10 learners from various high schools in Ga-Rankuwa and surrounding communities were invited to attend the programme.



## Industry Visits



The learners visited **Aerosud** (below), a company that manufactures plane parts and **Inqaba Biotech** (left), a biotechnological company.



## Mini-Projects:

The first 2 days of the programme consisted of lessons taught by subject experts from collaborating tertiary institutions. Students were given an overview of the subjects below. They were then given mini-projects to apply principles learnt during the lessons.

Aerodynamics & Hydrodynamics

Biotechnology

Forensic Science

Robotics



## Student Presentations

