



SCIENCE DEPARTMENT

VISION

A strong foundation and interest in Science

MISSION

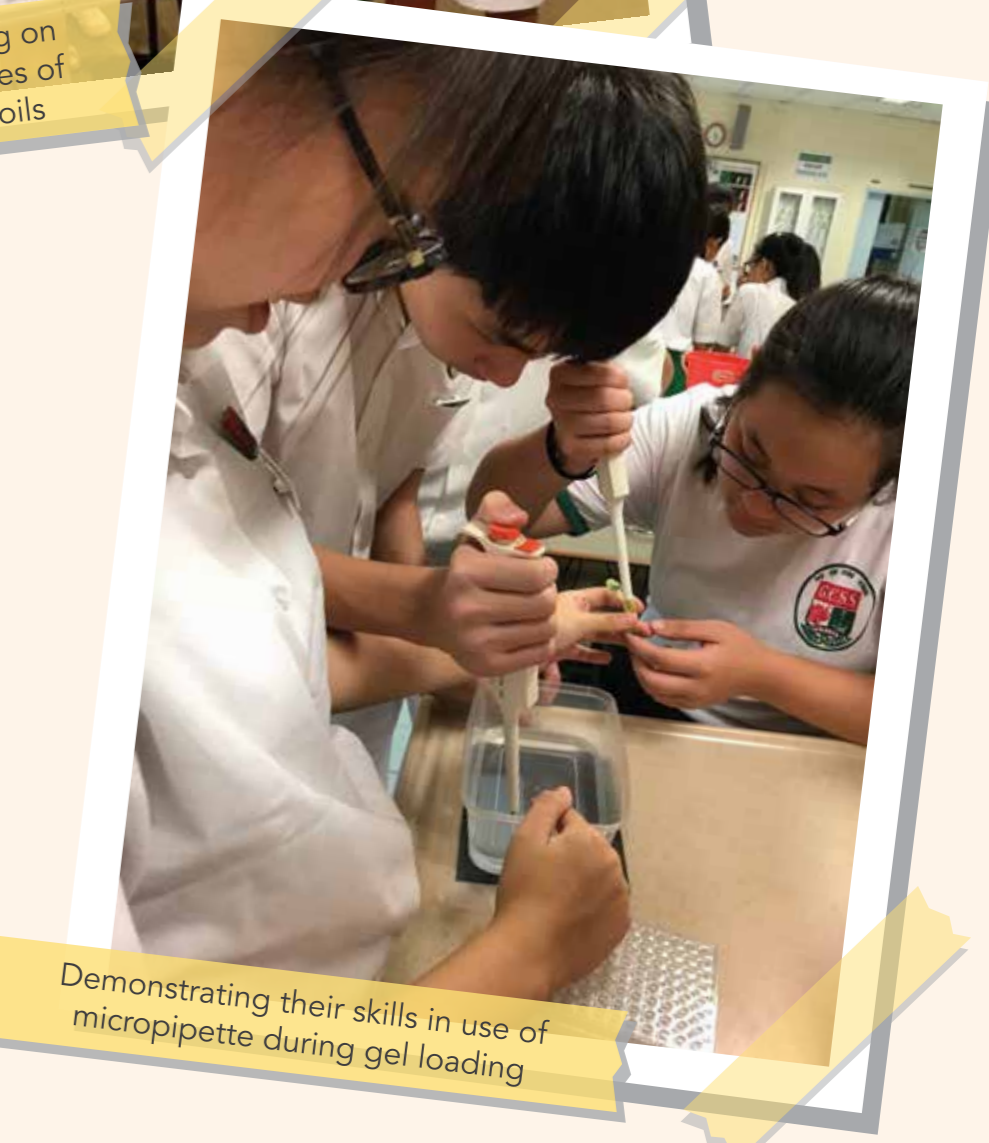
To develop scientific acumen and logical thinking skills



Future Scientists in the making! Investigating on the anti-bacterial properties of mucus from animals and their potential applications



Researching and investigating on the fruit fly repelling properties of different types of essential oils



Demonstrating their skills in use of micropipette during gel loading

SIGNATURE PROGRAMMES

LIFE SCIENCE PROGRAMME

Learning about inheritance of traits and making their own unique organism



Sec 1 to 3 Life Science Programme serves to equip students with basic Life Science knowledge and practical skills and techniques.

Sec 1 Life Science Programme reinforces genetics with microscopy skills.

Sec 2 Life Science Programme focuses on microbiology and investigation on antibacterial properties of different products. Students also learn to write scientific reports.

Sec 3 Life Science Programme comprises of a DNA workshop where students learn the use of micropipette and gel loading as well as the application of DNA fingerprinting.

SCIENCE CAMP



Investigation on the elephant's toothpaste

Sec 2 Science Camp promotes learning by inquiry and allows students to explore how science connects with their lives. There will be hands on experiments, activities and demonstrations to develop creativity and provide learning opportunities to learn outside their classrooms.

PET ROCKET PROGRAMME

Having fun launching their rockets



Sec 3 Pet Rocket Programme is designed to infuse joy of learning in Science as students apply their Physics concepts to life. They explore possibilities and generate ideas to develop their prototype rockets which can travel the furthest. They then test them out in action and reflect to refine their prototype rockets to travel even further.