

# Why we teach Science

We aspire to equip our students with critical thinking skills with the ability to problem solve, innovate and work collaboratively. Science learning involves developing an understanding of the world around us.

The Science curriculum will aim to fulfil this by:

- Ensuring the curriculum is accessible, inclusive, engaging and relevant to our student community by celebrating diversity in our multicultural community
- Supporting students to develop transferable skills such as; interpersonal and leaderships skills, team working, literacy, numeracy and resilience
- Allowing students to develop their written and verbal communication skills by constructing explanations and justifying opinions
- Developing enquiry skills by undertaking practical work which involves planning and testing hypotheses by collecting data and devising questions
- Developing problem solving skills by estimating risks, examining consequences and interrogating sources based on scientific theories
- Developing analysis skills by analysing patterns, discussing limitations, drawing conclusions and finally presenting data