

Curriculum Rationale and Statement of Intent:

'At the heart of our curriculum is the vision that our students understand that now, more than ever, Science holds the key to their survival as a human race and their security and prosperity on the planet Earth'

At the heart of our curriculum is the notion that we want our students to understand that now, more than ever, science holds the key to us being prosperous as a human race. To ensure this is done our teaching addresses current global issues whether it be environmental, ethical, medical or political. We continually present the connectedness of topics within our lessons to build long term retention and a diverse application to the key ideas introduced. Students will understand the future success of our planet depends on providing future generations with the best scientific education they can get to be well informed of key global or national developments as they occur. The range of experiences and topics covered will enable students to make a positive contribution to society and to be able to succeed in life. Therefore the topics chosen and the order of delivery has been made so that all three sciences can be delivered in an interconnecting way through KS3, where students can draw links between them so that we can highlight real-world examples so students have the opportunity to understand the relevance of science within the world. A major component of the science curriculum also includes developing students' maths skills and inquiry based practical skills. They will understand the importance of peer reviews as well as how to plan an investigation from a hypothesis through to a valid, evidence-based conclusion. At its core, our curriculum is broad, balanced and connected.