



# Science

## ■ Remarkable Curriculum ■

### Ambition

- Our ambition develops scientific knowledge and conceptual understanding through the specific disciplines of biology, chemistry and physics.
- Our curriculum enables our students to be scientifically literate and use technical language, accurately and precisely.
- We strive to build on prior knowledge by integrating interleaving tasks into our learning.
- Our curriculum is meticulously sequenced to ensure a clear and logical progression to the layers of powerful knowledge students acquire during their 5-year career.

### Commitment

- We are committed to equipping students with the scientific knowledge and skills required to understand the uses and implications of sciences today and for the future.
- We are committed to develop students' scientific skills.
- We are committed to levelling the playing field for all students through an equally ambitious curriculum.
- We are determined to support students to become critical analysts of the world around us.
- We are committed to quickly identifying and addressing gaps in knowledge and skills.

### Pride

- We are proud to produce students that will understand how science can be used today and, in the future, locally and globally and the socio – economic, environmental, and ethical implications of these applications.
- We are proud to inspire pupils to become well-rounded scientists who recognise how science relates to their everyday life.
- We model and scaffold high quality responses to remove barriers to learning.
- We encourage to student responding to complex scientific ideas and reflecting on their progress.