

Director of Learning: Mrs K Gibani

During the first year of Science at Priestnall, students are taught in Numeracy groups. At the end of Year 7, students are then grouped according to the Science levels they achieved throughout the year based on internal assessments.

Following the national curriculum ensures all our learners meet the challenges of life in our fast-changing world. The scheme of work for Key Stage Three has been written "in-house" and provides the foundations for understanding the world through Science.

Once per half term, students will complete an assessment and a homework project based on the core skills of a unit or several units of work. The assessments have been designed to provide students and teachers with an opportunity to evaluate performance and set meaningful targets to help students make progress. Students' practical skills are also assessed through investigational activities and written tasks throughout the year.

The units of work covered in Key Stage Three are grouped as follows:

### Biology

- Structure and function of living organisms
- Material cycles and energy
- Interactions and interdependencies
- Genetics and evolution

### Chemistry

- Atoms, elements and compounds
- Chemical reactions
- Energetics
- The periodic table and materials
- Earth and atmosphere

### Physics

- Energy
- Motion and forces
- Waves
- Electricity and electromagnetism
- Matter
- Space physics