



# North Durham Academy – Science Curriculum

## SUBJECT INTENT STATEMENT

The North Durham Academy Science curriculum is linked to our vision and values and reflects the community we serve. We believe that every action undertaken by every member of staff is implemented with the sole intention of improving the future life chances and wellbeing of our children. Science at North Durham Academy is planned to develop and encourage a 'can do' mindset in learners and build resilience by ensuring that the curriculum is relevant and accessible to all whilst providing appropriate stretch and challenge at every stage. Our broad and balanced Science curriculum is split into the separate areas of Biology, Chemistry and Physics so that our students can easily make the links between units and previous learning.

The Science curriculum has been designed to provide students with a deep understanding of the scientific knowledge and ideas that impact them as individuals within a local and globalised context. As they move through the curriculum, students will be increasingly made to develop their curiosity, provide insight into working scientifically and appreciate the value and achievements of science in their everyday lives. All Science lessons are logically sequenced to allow students to build upon key concepts, reflect on prior knowledge and make links between key ideas across the sciences. In Science we understand that having a wide vocabulary and good reading skills are crucial for our students to be able to access all aspects of the curriculum and for students to become scientifically literate participants in society. Pupils will leave our school with an appropriate range of qualifications in Science that allow them to move onto the next stage of their academic development.