

Curriculum Intent

The aim of our science curriculum is to enable pupils to understand and enjoy the world around them. We aim to encourage our pupils to develop a positive and practical approach to science. As they progress through the curriculum, students will increasingly develop their curiosity, gain insight into scientific methods, and appreciate the value of science in their everyday lives.

Science practical work is fundamental to our curriculum as it supports the learning of scientific knowledge and provides context for complex concepts. At King Edward VI School, pupils acquire the essential skills needed to transition to higher studies and pursue science as a profession.

How We Teach Science

At King Edward VI School, we deliver a knowledge-rich curriculum that builds strong foundations of scientific understanding for all pupils to make progress. Science is taught as three distinct subjects by subject specialists who skilfully connect biology, chemistry, and physics.

Clear explanations are at the heart of our teaching approach. Shared resources and a culture of collaboration ensure a consistent experience for students throughout the school. Inclusion is a key consideration in our teaching, and our SEN approach is based on evidence of best practice. Every lesson is carefully planned to allow every student to access the learning, utilizing diagrams, models, and scaffolding to support their understanding. We employ a consistent approach to teaching scientific skills such as calculations, graphing, and balancing chemical equations.