The Science curriculum at Bassingbourn Village college aims to develop curious, critical thinkers who understand the fundamental principles of Biology, Chemistry and Physics and can apply their knowledge to the world around them. We want students to appreciate the power of science in explaining natural phenomena, driving technological innovation, and addressing global challenges.

Through a carefully sequenced and knowledge-rich curriculum, students build secure foundations in key scientific concepts, vocabulary and investigative skills. We ensure that learning is cumulative, enabling students to make connections between ideas across topics and over time.

Our intent is that students will:

- Develop secure knowledge in Biology, Chemistry and Physics.
- Understand and apply disciplinary knowledge, including working scientifically, analysing evidence, and evaluating claims.
- Become confident in using scientific vocabulary, mathematical skills and data interpretation.
- Recognise the relevance of science to everyday life, careers and global issues such as climate change, health and sustainability.
- Develop resilience, curiosity and independence when solving problems.
- Be prepared for further study, employment and informed participation in society.

Our curriculum is ambitious, inclusive and inspiring, ensuring that all students — regardless of starting point — are supported and challenged to achieve success. Ultimately, building confidence, knowledgeable and independent learners.