



HARLESTON SANCROFT
ACADEMY

Science Curriculum Statement for Harleston Sancroft Academy

Subject Intent

The Science curriculum at Sancroft provides a broad and balanced learning experience for all pupils. Our knowledge rich, skills based and vocabulary driven learning empowers children to become confident, curious and articulate individuals.

Every pupil should feel that Science is both challenging and accessible. From Early Years to Key Stage 4, pupils develop a deep understanding and appreciation of issues from local to global contexts. The curriculum aims to inspire inquisitive minds providing opportunities to engage in different types of enquiry and investigation skills.

With a progressive curriculum that builds upon prior learning and is specific to the needs of our students as individuals and a community, children can flourish and achieve, supporting them to 'Live Life in all its fullness'. During their Harleston Sancroft journey, pupils develop specialist vocabulary, fine tune their investigation skills and apply their knowledge through a mastery approach in preparation for their GCSEs and future learning opportunities.

Within Harleston we strive to be both a school and community that works together and flourishes together, with visits and visitors that enrich our children's experience and opportunities, from collaborative Science fairs, competitions and environmentally based trips.

Subject Implementation

In the Primary Phase our curriculum is underpinned by the CUSP framework supporting pupils to become 'a little more expert' as they progress through the curriculum, accumulating, connecting and making sense of the rich substantive and disciplinary knowledge. Each study draws upon prior learning, making it easier to cognitively process and to accelerate new learning as children integrate prior understanding.

The Secondary Phase builds on from this through a bespoke curriculum which translates into engaging and challenging lessons for pupils at KS3 across all three sciences. Pupils master the investigation skills and key content knowledge needed for KS4 science. At KS4 pupils develop their knowledge and skills further for application at GCSE. Pupils are taught examination technique and skills to secure positive outcomes.

With the school's values at the heart of our teaching and learning, children persevere with challenging concepts, demonstrate faith in their abilities and positive attitudes to life learning. Reflective practice underpins our curriculum, using a range of formal and informal assessments and adapting our teaching accordingly to best support all pupils.

Subject Impact

Pupils will have the confidence to understand and challenge Scientific questions in the wider world from local developments to international and global issues, as well as articulating their views and opinions. Our curriculum promotes deeper thinking and analysis across the phases, ensuring consistency in teaching and learning throughout their journey.