



Science - It's what we do!

Measures taken to ensure the continued improvement of Science at SCCPS&N

A focus on maintaining and improving our Science offer since gaining the Primary Science Quality Mark in 2021.

A cross-curricular curriculum that incorporates diversity, recognises the bias within science and addresses the purpose of global science learning.

A redesign of the units and resources to support staff in observations over time.

An improved representation of scientists with a focus on female, Black and Asian scientists alongside names key to general knowledge to reflect our global community.

The inclusion of science-linked texts in guided reading and cross-curricular writing opportunities.

Celebration of Science Week across school including dress like a scientist day to help children see the wide applicability of science in the real world.

The introduction of PLAN knowledge matrices, skills and vocabulary progression from Nursery to Year 6 which supports planning and progression across the school. These are now clearly linked to our Unit covers along with the working scientifically progression map.

The introduction of PLAY, OBSERVE, ASK maps in EYFS to support planning for Science as part of their continuous and enhanced provision.

Science links established in other subjects including Art and Maths.

The introduction of citizenship units that bring together History, Geography and Science in the Summer term.

Learning objectives to better determine the development of skills and knowledge based on previous knowledge and clear progression.

Comprehensive unit covers developed by subject leaders to support staff in planning and assessment and to work as knowledge organisers and self-assessment tools for pupils.

Moderation meetings once a half term: a sample of students are assessed for skill and knowledge using the unit covers. This then feeds into teacher's planning – addressing gaps and misconceptions and is used to guide assessment of other learners in the class. The Science lead then meets with the pupils to question and assess impact and accuracy.

STEM linked trips and workshops including a visit to Enginuity and Chester Zoo.

Non-fiction rainbow reads in each classroom linked to the science unit.

Science linked rainbow reads to share in KS1.