

SCIENCE POLICY [JUNIOR SCHOOL]

Review: October 2024

Ratified by the Board: October 2024

Authors: JS Headteacher | Science Coordinator

Date of next review: June 2025

Table of Contents

1. MISSION STATEMENT	1
2. AIM.....	1
3. CURRICULUM	1
4. TEACHING AND LEARNING	1
5. HEALTH AND SAFETY.....	1
6. RESOURCES AND FACILITIES	2
7. COMMUNITY ENGAGEMENT	2
8. REVIEW AND EVALUATION	2

1. MISSION STATEMENT

The school aims to provide for its pupils an excellent, innovative and creative education that enables them to realise their full potential and to enjoy a fulfilled life as confident, compassionate and healthy members of the global community who continue to learn and contribute to a better world for all.

At the Junior School, we believe that science education plays a vital role in nurturing young minds and fostering curiosity about the natural world. This policy outlines our commitment to providing engaging and age-appropriate science education in a safe and supportive environment.

2. AIM

Inspiration	To inspire curiosity and wonder about science among our primary students.
Understanding	To develop basic scientific knowledge, skills, and understanding.
Integration	To explore connections between science and other subjects within the primary curriculum.
Fun	To make learning science enjoyable and hands-on, encouraging a lifelong interest in the subject.

3. CURRICULUM

Content	We follow the English National Curriculum for Science for EYFS, KS1 and KS2.
Approaches	Lessons incorporate hands-on activities, experiments, and investigations to engage young learners.
Cross Curricular Learning	Opportunities are provided to connect science learning with mathematics, history, geography, and PSHE to demonstrate practical applications.

4. TEACHING AND LEARNING

Adapted Learning	Lessons are adapted to cater to different learning styles and abilities, ensuring all students can participate and progress.
Practical Exploration	Practical activities are integral to lessons, conducted safely and supervised to encourage active learning with adequate equipment.
Assessment	All units are assessed by covering a 'big question' and completing quizzes or end of unit assessments at the end of a unit as well as teacher assessments during practical activities.

5. HEALTH AND SAFETY

Safety Procedures	Clear safety rules and procedures are established for all science activities, emphasizing safe handling of equipment and materials.
Emergency Preparedness	Staff are trained in basic first aid, and the school's protocols are in place to handle any emergencies.

6. RESOURCES AND FACILITIES

Equipment	Science materials and equipment are age-appropriate, regularly checked, and maintained to support safe and effective learning. The science cupboards are monitored by the science lead.
Learning Spaces	Classrooms and outdoor areas are equipped to facilitate hands-on exploration and discovery, encouraging active participation. Links to forest school.

7. COMMUNITY ENGAGEMENT

Local Connections	Foster partnerships with local STEM organisations to enrich primary science education experiences. Connections with the Senior School science department to organise cross school activities.
--------------------------	---

8. REVIEW AND EVALUATION

Continuous Improvement	Regular reviews and feedback ensure that the science curriculum and teaching practices meet the needs and interests of primary students.
Assessment Feedback	Utilise student and parent feedback to continuously improve the quality and relevance of science education at our primary school.

This primary school science policy reflects our dedication to nurturing young scientists who are curious, confident, and equipped with foundational scientific skills. By implementing these principles, we aim to cultivate a lifelong passion for learning and exploration in our students.

END