

Science

Everyone is a Scientist

Staff and role:

Paul Walker: Head of Department

Priti Chima : Second in Department

Hannah McCabe: KS4 Lead

Zara Ashraf: KS3 Lead

Teresa Middleton: Lead Practitioner

Ravi Byrne : Teacher of Science

Nigel Mcauley: Teacher of Science

Divya Chagger: Teacher of Science

Sadia Rehman: Teacher of Science

Tasnim Tarafder: Teacher of Science

Haider Hussain: Teacher of Science

Ravi Singh: Teacher of Science

Curriculum Intent Statement:

In science at Ninestiles, we embed the scientific knowledge and conceptual understanding that inspires and enables all students to cultivate a sense of curiosity of and question the world around them. We encourage every student to develop an understanding of the ethical, environmental and social impact of scientific discoveries and current research. Students use creative thinking to develop and challenge scientific models and theories. We support students to acquire the necessary literacy, numeracy and investigative skills to process data and make unbiased factual judgements. Through a spiral curriculum, we

ensure that key concepts are woven into and built upon throughout the key aspects of the National Curriculum. This ensures that through their learning journey at Ninestiles, our students have the knowledge, skills and character to be fully prepared for success at KS4 and beyond.

Student Assessment

At KS3, students are assessed through fortnightly mini topic tests, along with more in-depth tests once a term.

At KS4, students are assessed through end of topic tests, along with termly more in-depth tests. Students will also be assessed through 10-mark retrieval tasks every 3 lessons, in order to monitor progress and inform teaching.

Homework Policy

Science homework is set through the online platform [Seneca](#)

- Students in Yr7/8 will receive 20 minutes of homework per week.
- Students in Yr9 will receive 40 minutes of homework per week.
- Students in Yr10/11 will receive 60 minutes of homework per week.

Students may also be asked to do a research or revision task for homework, instead of or in addition to their Seneca homework.

Extra-Curricular Opportunities

Unfortunately, there is currently no STEM (Science, Technology, Engineering and Maths) club running in the current term.

Contact

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