## Science Faculty - East Barnet School

At East Barnet School, science learning is about the discovery. As teachers, we aim to facilitate student success by providing learning opportunities that stimulate them to embrace and enjoy science. Students are encouraged to be reflective and become more aware as to how they learn and make progress. Behavior for learning is being embedded into the curriculum alongside the key science skills and content. We aim to develop good scientists who can work independently. Many of our sixth form choose to study the Sciences at A level and beyond.

We are an innovative and thriving science faculty. The faculty currently comprises of 10 full time and 1 part time science specialists. We have three specialist science technicians. It is an extremely supportive team with members at different stages of their careers. The Head of Faculty leads the teaching and technical team and is supported by a Head of Chemistry, Biology and Key Stage 3. We are also fortunate enough to have team members who have taken on leadership roles outside of science - including heads of year and the schools lead teacher coach.

We are lucky to have a newly developed science area in which to teach. The Science faculty incorporates traditional laboratory facilities with an open planned ‘Faraday’ space. This space is predominantly used for collaborative KS3 teaching. Other facilities include an expansive outdoor wetland area and a three storey drop zone.

All our students learn Science at both Key Stages 3 and 4. Most students study AQA Trilogy Science (two GCSEs), some students opt to study AQA Separate Science (three GCSEs). In the Sixth Form, we offer ‘A’ levels in Biology, Chemistry and Physics. All teachers teach their subject specialism at ‘A’ Level and for the GCSE Separate Science courses.

**Student Groups.**

In year 7 students are taught in their form groups. In year 8 and 9 we teach the students in mixed ability classes. At KS4 we have a higher attaining top group and four mixed ability groups. In the Sixth Form, students are taught in mixed ability provided they have met the entry requirements for the course. These include achieving grades 9-6 in Science at GCSE and tat least a 5 in both English and Mathematics.

**Contact Time.**

Years 7 and 8 – three one hour lessons per week.
Year 9 – four one hour lessons per week.
Year 10 six one-hour lessons per week.

Year 11 five one-hour lessons per week.
‘A’ level – four one hour lessons per week in year 12, five one hour lessons in year 13.

**Exam Boards**

GCSE - AQA Trilogy
GCSE - AQA Biology, Chemistry, Physics
A level - AQA Biology, Chemistry and Physics

At KS3 we use ACTIVATE resources to help us deliver the curriculum.

If you are lucky enough to join the Science faculty, you will be working with an outstanding team of dedicated professionals who will support and encourage you at every step.

November 2018