

SCIENCE DEPARTMENT

Structure and Staffing

The science department has ten members of teaching staff and three laboratory technicians. The Curriculum Leader is assisted by Subject Leaders for Physics and Chemistry.

Facilities and Resources

The accommodation consists of eight teaching laboratories and three preparation rooms grouped together in one part of the school. Seven of the laboratories are currently equipped with interactive whiteboards. The department is well equipped in terms of scientific apparatus and has easy access to many other facilities in the school.

Laboratory Technicians

There are three laboratory technicians. Each one is responsible for a preparation room area and associated teaching rooms. They work very much as a team with each concentrating on the requirements of one area of the curriculum.

Curriculum

Key Stage 3:

Science is taught in mixed ability groups. Throughout the key stage the work is based on the structure of the published course "Exploring Science" with the schemes of work having been developed by the department.

Key Stage 4:

Students are studying the AQA GCSE Trilogy specification in Combined Science or separate qualifications in Biology, Chemistry and Physics. In 2019, 86% of students achieved grade 4+ in GCSE Combined Science, 100% in GCSE Biology, 92% in GCSE Chemistry and 98% in GCSE Physics.

Sixth Form:

A-Level courses are offered in (AQA) Biology, (AQA) Chemistry and (AQA) Physics. Science in the sixth form is always a popular option for all three disciplines. A significant number of our students go on to study science-related degrees at university.

Teaching and Learning

We believe that effective science teaching uses a range of approaches to support the learning of individual students. We seek to provide an environment in our lessons, which is enjoyable, instructive and tailored to the needs of learners as individuals. Teachers and technicians continually review and update schemes of work to increase accessibility and interest. Our aim is to educate children to be confident, self-reliant, interested and knowledgeable with regard to science. We work together to provide an up to date and stimulating science curriculum which is relevant to our students.

VISION AND AIMS OF RANELAGH SCHOOL

Our vision

For the Spirit that God has given us does not make us timid; instead, his Spirit fills us with power, love, and self-control (2 Timothy 1.7)

At the heart of our distinctive culture is our commitment to being a dynamic learning community, rooted in Christianity, where people matter. In this we seek wisdom and pursue excellence.

Aims

Our aim is to provide all members of our community with strong roots alongside a robust sense of our Christian foundation. We endeavour to be inclusive; to be a place in which those of all faiths and none are able to learn and work together to experience love, welcome, hope, forgiveness and the possibility of new beginnings.

In order for all members of our community to thrive and excel, we aim to foster confidence, delight and discipline in learning. In addition to developing academic skills, we aim to nurture a vibrant and creative environment in which students are able to work together to seek the wisdom, knowledge, truth, understanding and the skills which will enable them to live life in all its fullness.

HOW TO APPLY

Please send a completed application to

Mr Timothy Griffith
Ranelagh School,
Ranelagh Drive, Bracknell RG12 9DA
recruitment@bonitas.org.uk

Please note that CVs cannot be accepted