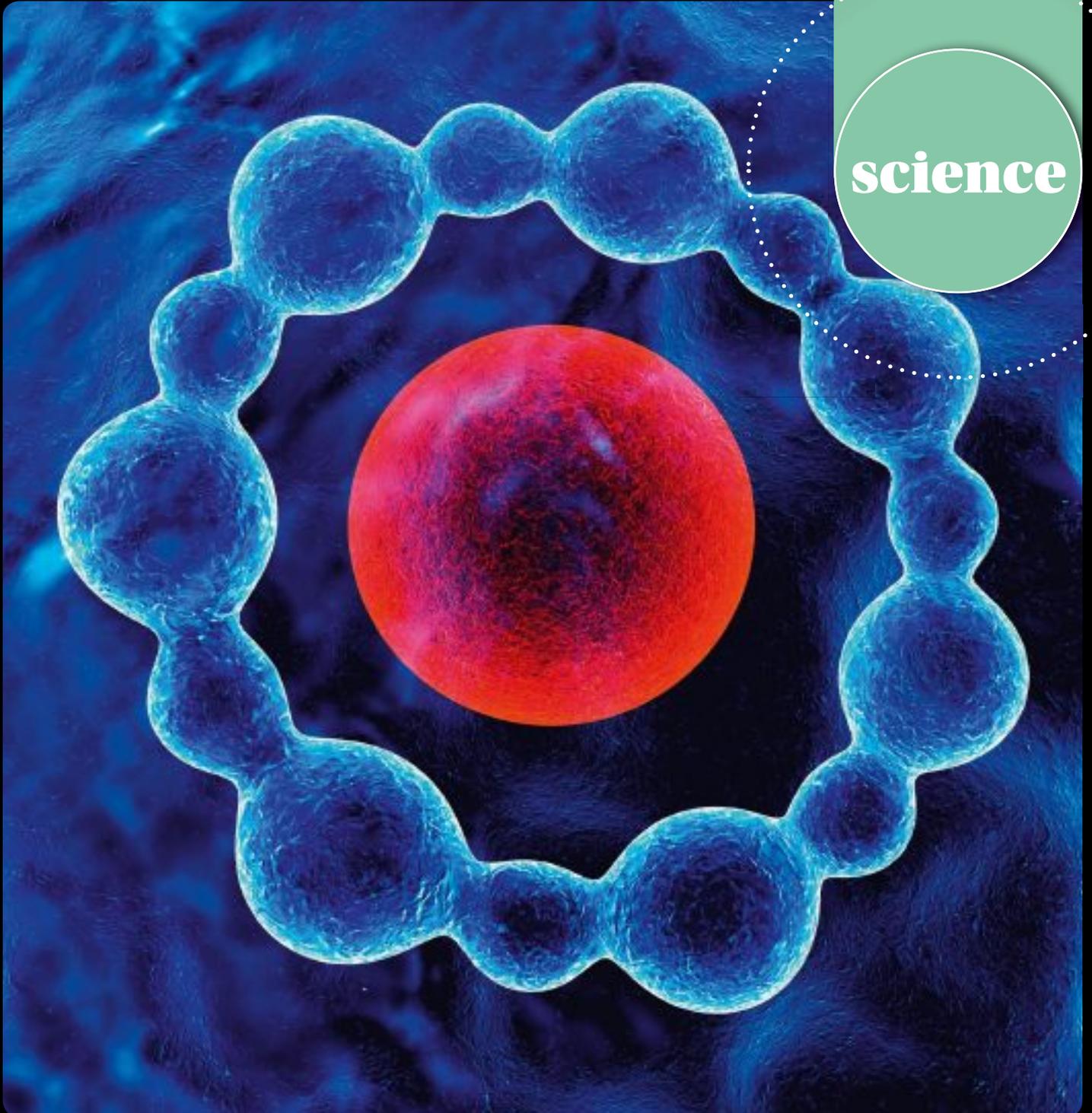


Leaders in...

www.ukboardingschools.com

science



Felsted School



Felsted

Science is not just for scientists at Felsted. In a world that is so rapidly changing, our students are taught how to “think like a scientist”: to weigh evidence and come to a conclusion; to understand that scientific “truth” may change over time. Collaboration, communication, critical thinking, creativity and innovation are at the heart of science teaching at Felsted. We don't feed our pupils with facts; instead we allow them to explore science for themselves and develop a love for it.

Our staff are dedicated to the teaching of science; one is a member of the Teacher Advisory Network for the British Science Association, sharing Felsted's expertise with other educators. At Felsted, there is an understanding that science is a

“springboard” to new sources of interest and enjoyment and has enormous relevance beyond the classroom.

Academic Extension / Winning Awards

Our pupils broaden their learning through a wide-ranging academic extension programme. Led by our dynamic teaching team, pupils of all ages take part in – and win – national science competitions, including the BA Crest Awards and Science Olympiad. Recent highlights include:

- National Discovery Junior Award Winners 2018 for the invention of a device to prevent the spread of disease among children in the third world.
- Regional Biology Prize 2018 at The Big Bang UK Young Scientists & Engineers Competition of the use of 3D printing to create a prosthetic hand.
- Primary Engineer Young Leaders Award 2018 for the invention of a functioning energy converter from a trampoline, which has since been developed by Kingston University, London.

Science Outreach

At Felsted we are always willing to

share our experience – our outreach programmes have introduced more than a thousand local children and teachers to Felsted's innovative approach to learning. We are committed to developing local partnerships through science – working with local Scouts towards their Science badges and hosting an annual Women in Science Day. These initiatives have been recognised with the 'Rolls-Royce Special Merit Award'. Felsted parents also get involved with creative 'Back to School' days, which give them the chance to take part in fun, practical science sessions with their children.

Science Provision

Three fully-equipped science laboratories create a purposeful environment for the study of science for children in Years 5 to 8 in our Prep School, but every child from the age of four is taught science as an integral part of the academic curriculum. The quality of the science programme at Felsted Prep has been recognised with the Primary Gold Quality Mark for Science.

In our Senior School, a dedicated science teaching block has laboratories



and classrooms for Biology, Physics and Chemistry, with the quality of teaching recognised by a Silver Science STEM Award.

Science is compulsory at GCSE – students opt for either the double science award or separate sciences - and continues at A-level or IB Diploma level, with pupils achieving top grades. Students joining Felsted Sixth Form who demonstrate exceptional ability and enthusiasm for science may apply for the prestigious Hunter Scholarship.

Science Careers

Our students achieve places on science courses at top universities in the UK, Europe and United States, and many go on to enjoy successful careers in science and technology. The Felsted Health and Biomedical Science Network meets regularly to inspire current Felsted students and offers insight into day-to-day working lives.

Felsted alumni making a difference in the field of science include the following:

- **Sir Marcus Setchell KCVO**, former Surgeon-Gynaecologist to HM

The Queen, who supervised the safe delivery of HM Prince George.

- **Dr Tony Hunter**, Professor of Molecular and Cell Biology, Salk Institute, California. Dr Hunter is one of the foremost recognized leaders in how cell growth and division are regulated, and how mutations in genes that control growth lead to cancer. Awarded the 2018 Tang Prize in Biopharmaceutical Science, the 2018 Pezcoller-AACR International Award for Extraordinary Achievement in Cancer Research and the prestigious Sjöberg Prize 2017.
- **Professor Lucilla Poston**, Professor of Foetal Health, Guy's Hospital, King's & St Thomas' Hospital, University of London. Honorary fellow of the Royal College of Obstetricians and Gynaecologists (UK), a Senior Investigator of the National Institutes of Health Research (NIHR) and a Fellow of the Academy of Medical Sciences (UK). She has published more than 200 original research papers.

KEY FACTS



1080

NUMBER OF PUPILS

4-18

AGE RANGE (YEARS)

500

NUMBER OF BOARDERS

1:6

TEACHER:PUPILS

TYPE OF SCHOOL

Co-educational boarding
and day 4-18

RELIGIOUS TRADITION

Non-denominational

ISC ASSOCIATIONS

HMS, IAPS

AFFILIATIONS

BSA, BAISIS, AGBIS,
AMCIS, Round Square

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