



QUEENS' SCHOOL *Dare to be Computer literate!*



COMPUTER SCIENCE DEPT NEWS

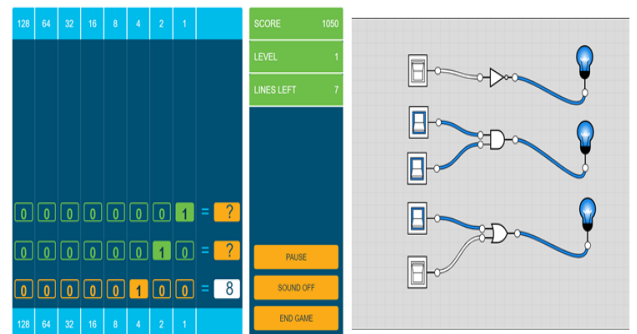
COMPUTER SCIENCE Key Stage 5

We have said a sad goodbye to our Year 13 students, who are now busy revising for their A level exams. A great deal of work has gone into their programming projects, where a business system was created to follow the full systems lifecycle and then submitted to the exam board for marking. Well done to all students and we wish you the best in your forthcoming exams.



BINARY – Key Stage 3

The students in Year 9 have completed a unit on Binary and Logic, creating a simple Binary calculator and using a competitive Tetris type on-line game to increase their speed of conversion. Initially, they struggled with the concept of counting to the base 2 but very quickly got the idea and were able to apply their knowledge.



MORE FUN FACTS about Computer Science

1. 90% of the world's data was created in the last two years.
2. The global artificial intelligence (AI) market is expected to reach \$126 billion by 2025.
3. Cybercrime is expected to cost businesses \$10.5 trillion annually by 2025.
4. In 2020, there were over 2.7 billion gamers worldwide.
5. The first webcam was invented at the University of Cambridge to monitor the coffee pot in the computer science department.

Many Key Stage 4 students took advantage of the regular revision classes during this last half-term. Together with many sample exam papers, they should be well prepared for their exams. We look forward to seeing many high grades in the results and hope to see many of them in the sixth form.

The additional sessions will continue after half-term, to include Year 10 students on a voluntary basis. For struggling students, they will be included in some lessons where the ratio of teacher to student will be smaller to focus understanding.



QUEENS' SCHOOL
Dare to be Great

Daring to be *Great* by pursuing our values of Scholarship, Tenacity, Altruism and Respect

