LEH
LADY ELEANOR HOLLES

Department Information
for Teacher of Computing

The Computing Department at LEH

Computing at LEH is a new and exciting department. It benefits from a modern facility, opened in September 2017, which has, at its heart, a technology and computing suite. There are two specialist teaching rooms which seek to link the work of computer science with robotics, technology and product design.

The department currently teaches an exciting and creative Computing curriculum at KS3. This combines IT skills and Computer Science, and includes the teaching of intermediate level Python projects, E-Safety, cyber security, physical computing with micro-bits and Raspberry Pis, computational thinking and graphic design incorporating virtual reality.

The first cohort of GCSE Computer Scientists took exams in summer 2019, and our first cohort of A Level students started in September 2019. In 2019 we achieved excellent results for our first cohort at 6 Grade 9s, and 3 Grades 8s. This increased in 2020 to 12 Grade 9s and 4 Grade 8s.

The school has a highly skilled and supportive IT technical team which is responsible for the smooth running of all computer-based operations within the school, both educational and administrative. The introduction of 1-to-1 iPads was completed in September 2017, and all Senior School pupils have a standard iPad of their own.

Given the close relationship between computing and technology, the ability and/or willingness to become involved in product design, CAD/CAM etc., would be helpful. We also work closely with the School's STEM Coordinator.

Extra-curricular Computing and Enrichment

The Computing Department currently runs a variety of extra-curricular activities for different age groups. Pi Club is open to girls in all year groups and is very popular. There are also several cyber security clubs throughout the year as well as a code club and a VEX robotics club. 16-18 year olds can join the Robotics Team, where we work closely with the Computing and Technology Departments in Hampton School, our neighbouring boys' independent school. The department has also recently purchased three VEX robotics kits, a set of programmable drones and class sets of the Raspberry Pi 400. Students are highly engaged in competitions throughout the year including Bebras, OUCC, Perse Coding, Pi, British Informatics Olympiad, Cyber First, Cyber Girls and the Matrix challenge.

- To plan, prepare and teach lessons as required by the department.

- To set homework and mark written work regularly and ensure that the correct procedures are followed if work is missing, incomplete or late.

- To set, supervise and mark school examinations and course work for public examinations.

- To assess, record and report on the development, progress and attainment of pupils and to communicate this information to parents via written reports and Parents' Evenings. To provide written information for the UCAS and other similar forms.

- To provide guidance and advice when subject choices are made.

- To review methods of teaching and programmes of work and participate in arrangements for further training and professional development.

- To contribute to departmental extra-curricular activities.

- To consult your line manager about any problems occurring over academic matters, such as aspects of the curriculum or the syllabus for GCSE or A-level.

- To keep records of attendance at lessons as required.

- To keep records of books distributed.

- To encourage as much use as possible of the school libraries and other resources.

- To invigilate and undertake administration associated with public examinations.

- To maintain good order and discipline among pupils and safeguard their health and safety.

- To consult Assistant Heads or Form Tutors about serious discipline problems or any other difficulties pupils may cause, or may appear to be having.

- To contribute to PSHE and General Studies programmes as required.

- To attend Departmental, Year, Staff, Parents' and Inset meetings.

- To attend assemblies.

- To provide cover for absent staff, especially within the department, and to carry out other duties as required.

- To act as a Form Tutor if required.

- To adhere to school policy on safeguarding and update training as required.

- To ensure the safeguarding and well-being of children and young people at the school in accordance with school policies.

Teacher of Computer Science
Person Specification

The successful applicant is likely to possess the following:

- A strong academic background, a good honours degree or equivalent in Computing or Computer Science, and possibly a post-graduate qualification.

- An appropriate teaching qualification e.g. PGCE.

- Experience teaching very able pupils up to A Level.

- Skills in physical computing and robotics (or a genuine enthusiasm to learn).

- Willingness to organise and participate in our programme of extra-curricular activities and trips.

- Excellent teaching, communication and interpersonal skills.

- Efficiency and reliability.

- Active support of the ethos and aims of the school.

The successful applicant must be committed to the safeguarding and well-being of children and young people.

An application pack is available from the School's website www.lehs.org.uk. Applications must be made on the School's own form and should be sent to personnel@lehs.org.uk

The closing date is noon on Monday,19th April 2021.

CVs will not be considered and should not be sent.

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The Lady Eleanor Holles School is committed to safeguarding and promoting the welfare of children and young people, and expects all staff and volunteers to share this commitment. All applicants must be willing to undergo child protection screening, including checks with past employer and the Disclosure and Barring Service (DBS).