



Aldenham  
founded 1597

## **Aldenham School**

### **Teacher of Computer Science**

**Information for applicants**

**September 2019**

## **Appointment of Teacher of Computer Science**

The School wishes to appoint a Teacher of Computer Science for September 2019. The post becomes available due to the expansion of the subject in the Senior School. The successful candidate will be expected to teach Computer Science throughout the School. Although the precise role will be organised with the Head of Department, the following responsibilities are expected.

### **Subject management**

The Computer Science department currently consists of two specialist teachers. In each of the two classrooms we have a data projector and interactive whiteboard, 22 PC based workstations available to pupils and printing facilities. Software used is Microsoft Office with some Adobe Authoring software, NetOps communications software is used for administering lessons. There is an extensive fibre optic network enabling internet and intranet access throughout the school.

The responsibilities of the Computer Science Teacher include:

- Preparing and teaching classes in Computer Science from Year 7 upwards
- Providing feedback to pupils and parents as directed, eg reports, parents' evenings, in order to ensure all pupils make excellent progress in the subject
- Assisting in curriculum development and implementation
- The teaching of public examination courses (GCSE and A Level).
- Involvement in the production and regular review of schemes of work.
- Monitoring the progress of pupils linked to target setting.
- Assisting in the development and production of resources
- Involvement in continuous professional development.
- Effective communication with pupils, parents and teachers
- Ensuring pupils comply with the school's behavioral expectations.
- Create engaging and interesting lessons across a broad range of Computer Science areas

We follow our own scheme of work based on the National Curriculum at KS3. At KS4, we undertake the Cambridge IGCSE in Computer Science and at A level we take the EDUQAS GCE in Computer Science. We also run several activities including 'building a computer' club and the BAFTA Young Games Designers competition

The Department is starting to transition to Office 365 system for the Computer Science curriculum.

Computing at Aldenham is both a taught curriculum area as well as essential to teaching and learning throughout the school. The post holder is expected to deliver effective and innovative teaching and the capacity to generate enthusiasm for the subject at both GCSE and A-Level.

The post is likely to suit a person with energy, ambition and flair and are likely to be new qualified or experienced teachers looking for a new challenge and seeking to join an ambitious and successful Computer Science Department.

## **Technical Skills**

While applications from candidates with non-computing backgrounds are welcome, it should be understood that a successful candidate may be required to teach Year 13 Computer Science courses. As such, candidates who have a good working knowledge of at least one high level language and experience of working in other programming paradigms will be valued.

The department currently uses the Python programming language throughout KS3-5.

The ability to teach another subject could be an advantage.

## **Salary and Conditions**

The salary for this post will depend upon the qualifications and experience of the candidate and will be discussed at interview. The School participates in the Teachers' Superannuation Scheme run by the TPA. Candidates should note that the school is committed to safeguarding and promoting the welfare of children and that all appointments are subject to an enhanced DBS check.

The School has a strong commitment to professional development and it is a condition of employment that all members of staff participate in any scheme of appraisal, review and professional development currently operating in the School.

There is a generous scheme for the education of the children of staff.

Applications (with letter of application, together with the completed application form which will include addresses and telephone numbers of two referees) may be handwritten or word-processed and should outline personal ambitions as well as professional interests. Applications should be addressed to Mr J C Fowler, Headmaster, Aldenham School, Elstree, Herts. WD6 3AJ.

**The closing date for applications is Monday, 25 March 2019.**

The Head of the Senior School, Mr Andy Williams, will be pleased to talk to those seeking further information about the position. They can be contacted by telephone on 01923 851603 or email [amw@aldenham.com](mailto:amw@aldenham.com).

## **Introduction to Aldenham School**

The key aims of Aldenham School are to:

- § Encourage each pupil fully to develop his or her intellectual, physical and cultural talents.
- § Emphasise the importance of the social, moral and spiritual dimensions of community life in a modern society.
- § Set appropriate goals to challenge each individual within a small caring community.
- § Recognise and reward personal and collective achievement in a positive learning environment.
- § Nurture in pupils the character and skills with which to meet the challenges of life beyond school.
- § Maintain and develop a team of professional teachers who seek fulfilment in their work through the progress of their pupils.
- § Forge a partnership with parents and the wider community for the further development of the aims and life of the School.

### **Background to Aldenham School**

Aldenham School was founded in 1597 and has remained on the same outstanding site ever since - surrounded by green fields, yet only 12 miles from Marble Arch. It has always been a relatively small school with a very strong boarding ethos and its reputation as an excellent environment for a high quality all-round education owes much to its close knit and supportive community. Central to our educational aims is the achievement of every child's academic potential, but the building of confidence comes equally from participation in sport, music and drama and by meeting the challenge of living and working together within the disciplined community that is at the heart of Aldenham.

The Aldenham Foundation has a shared governing body of which the Headmaster is the Chief Executive. Aldenham School educates around 600 boys and girls (11-18), together with the Aldenham Prep School, which educates around 150 boys and girls (3-11) on the Aldenham campus. St Hilda's School, Bushey educates around 150 (girls only, 3-11) and is based on a separate site around 4 miles away. Under a recent planning agreement, Aldenham School will grow to around 650 pupils in the next five years.

There are seven Houses constituting Aldenham School: a Junior House, Martineau's for approximately 180 11-13 year-old pupils of whom up to 25 can be boarders; 2 senior (13-18) Day Houses one for boys and the other for girls; a senior Boarding and Day house for girls; and 3 senior Boarding and Day Houses for boys. There are girls in each of the year groups in the school with around one third of the pupils being girls in the junior years. The School offers a wide variety of day and boarding options. The day pupils' programme operates from around 8.30am until 5.30pm and staff are required to be on site throughout this extended school day.

Boarders may either stay throughout the entire week as full boarders, or can be flexi boarders. Flexi-boarding is an increasingly popular option. Around 180 pupils are either full boarders or flexi boarders. Boys and girls can move between these systems according to changes in family circumstances over their career in the school. It is interesting to note that a high proportion of the boarders live within a 20 mile radius.

The most recent full inspections of the School by ISI in November 2012 and December 2017 both produced exceptional outcomes with the highest grade of "excellent" being given in all categories. A full copy of the Inspection Report can be found on the school website.

Teaching loads are generous, with 25 out of 35 periods being the norm but colleagues are required to contribute fully to the life of the School and to help with games, activities and as tutors in the day and boarding houses. All teachers are required to be tutors, attached to one of the 7 houses and are responsible for delivering the tutorial programme, writing reports and overseeing the academic and pastoral welfare of their tutees. Drama, Music, Adventure Training and the Duke of Edinburgh Scheme all thrive at Aldenham as well as "minor" sports such as sailing, fives and golf. The CCF is an active and well-resourced partnership with a local maintained School. The major boys' sports are football, hockey and cricket which the School plays at a high level in all three terms. Girls also have a full games programme with their major sports being hockey, netball and rounders. The School's high profile in sport was emphasised by winning the IFSA National Cup competition in Football at Under 15 in 2018 and 2019.

All pupils take a broad, but balanced curriculum up to GCSE of around 10 GCSE/iGCSE subjects in Year 11. The majority go on to the Sixth Form where a linear structure is used to enable most students to take 3 A Levels, although some will be offered the chance to take 4. Beyond A-Level, the overwhelming majority go on to universities with a number doing GAP years or visits overseas.

In recent years, there has been a major development and refurbishment programme especially within the day and boarding house accommodation, which has been expanded and improved. There is a very significant ongoing programme of investment in ICT both for teaching and learning and for management and administration. Computing, Dance, Design Technology (Graphics, Resistant Materials and Textiles), Drama, Government and Politics, Media Studies, Music Technology and Psychology all form part of a broad

curriculum. A full sized Sports Hall is at the centre of the games programme, which makes available an extremely wide variety of sports to boys and girls.

There are a number of regular school visits in the UK and abroad with many field trips, modern language exchanges, skiing, sports tours, as well as cultural visits to many parts of the world and expeditions to places far and wide. The School's buildings have undergone extensive renovation and refurbishment over recent years. The School's newest building, The Wells Centre, includes a Sixth Form Centre as well as teaching areas for Psychology and Music.

Aldenham is a Christian foundation and its members are expected to share in a framework of services in the Chapel. It is the Christian ethic that provides our strongest guide towards matters of behaviour and aspiration in the school. A very wide range of racial and religious backgrounds are represented and welcomed within the School and a friendly and supportive atmosphere is our aim and our achievement within the school community. The Aldenham Attributes of Aspiration; Co-operation; Courage; Curiosity, Independence; Respect are widely valued as encompassing the characteristics that provide our pupils with a successful experience at School and then equip them to meet the challenges when they leave us.

Further details about Aldenham, including a tour of the School, Aldenham in the media and our prospectus can be seen on our website:

**[www.aldenham.com](http://www.aldenham.com)**