

# Yavneh College

Hillside Avenue, Borehamwood, Herts WD6 1HL

020 8736 5580

[www.yavnehcollege.org](http://www.yavnehcollege.org)

## **Post: Full time Physics Science Technician**

**32.5 hours pw term time only**

**Salary £20,894 pa**

**Required for a start as soon as possible**

Thank you for your interest in applying to Yavneh College. Below is some information about the post and the school which we hope is helpful. We also enclose a prospectus, an application form and copies of our child protection and safer recruitment policies. Please note that applications cannot be considered unless the application form is completed in full. It should be returned to the Headteacher, together with a letter of application.

The school is committed to safeguarding children and young people. The selection process includes scrutiny of the information provided in the completed application form, taking up references, observation of a taught lesson and an interview. If you are shortlisted for interview, please bring evidence of your qualifications. All appointments are subject to a satisfactory enhanced Criminal Records Bureau disclosure.

Yavneh College is located adjacent to the Elstree Film and Television Studios in Borehamwood, Hertfordshire. The town of Borehamwood lies within Green Belt countryside on the outskirts of north London. Borehamwood and Elstree Station, 10 minutes' walk from the school, provides a fast and frequent train service south to Central London and north to St Albans and Luton. The main bus station for Borehamwood is a three-minute walk from the school and provides services to the local Hertfordshire towns and north London suburbs.

Yavneh College is an 11-18 co-educational comprehensive with Business & Enterprise status. The school was granted Academy status in July 2011.

The school opened in September 2006 with its first intake of Year 7 pupils and has added one cohort each year. Yavneh College has been constructed as a £30m campus funded by central government. We have state-of-the-art facilities and equipment throughout the site.

The appointment of a very experienced and successful Senior Leadership Team and teaching staff has meant that the school has enjoyed a reputation for excellence from its inception. Children of staff receive priority for admission to the school (full details are available in the admission section of the school website).

Our Ofsted inspection graded Yavneh College as 'Outstanding'. Ofsted found that:

- 'Students receive excellent teaching and support resulting in outstanding achievement and high attainment'
- 'Lessons are frequently inspirational and enthusiastically received'
- 'Students' behaviour is outstanding and they express their love of the school for providing them with so many memorable experiences and chances of success.'
- 'Those students with special educational needs make outstanding progress'
- 'Those students who are gifted and talented are further challenged through stretching activities in lessons and through the extensive enrichment curriculum.'
- 'Care, guidance and support are outstanding'
- 'The curriculum is exceptionally well matched to students' needs.'
- 'Leadership and management are outstanding' and 'the Headteacher and her senior team have empowered all members of staff'
- 'The school is an exciting place to teach'

The full report is available on our website [www.yavnehcollege.org](http://www.yavnehcollege.org)

As a comprehensive school, we are committed to all of our pupils realising their full academic potential. We believe that this is best achieved by teaching pupils in sets rather than in streams, bands or mixed ability groups. Lower ability pupils are taught in smaller sets and are supported by learning support assistants.

As a Jewish faith school, our aim is to produce young people who are confident about their identity as members of the Jewish community and of wider British society, and well-equipped with the academic qualifications and wider key skills necessary for successful participation in today's employment market. There is no requirement for staff to be Jewish; we welcome applications from all sections of the community and appoint the best. The majority of our current staff are not Jewish.

If you have never worked in a Jewish school before, the following information may be helpful: school finishes at 1.30pm on Fridays with an early winter closure for a number of weeks at 1.10pm. The school day starts at 8.30am and ends at 4pm on Mondays to Thursdays. Our pupils come from close-knit local communities. Most pupils live in stable homes and have two or three siblings. Education is highly valued by parents and pupils and they are ambitious in terms of examination success and future career paths.

Extracurricular activities are very important at Yavneh College and pupils are encouraged to partake in a range of wider experiences. As well as sports, fixtures, whole-school productions, theatre trips etc, we timetable more than 60 extracurricular activities into the school day on Mondays, Tuesdays and Thursdays as a 55-minute slot (the 'Enrichment Programme') for all KS3 pupils, immediately after lunch. KS4 pupils also participate in their own enrichment programme once a week on a Wednesday. Enrichment activities are delivered by the teaching staff and are included when calculating teachers' contact time.

Every teaching room in the school is equipped with a ceiling-mounted data projector connected to a computer, DVD player, speakers and visualiser. Some classrooms are also equipped with an interactive whiteboard. Trolleys of laptops are available for pupils' use.

We actively encourage all of our pupils to develop their independent learning skills regardless of age or ability and support the use of interactive teaching approaches which aim to maximize learning potential. The department adopts a rigorous approach to the monitoring and assessment of pupil progress and target setting is specifically focused at ensuring all pupils are given the opportunity to improve their achievement.

### **The Science Department**

The science department occupies a suite of seven laboratories, each well equipped with storage for books and other resources, and a large well-resourced spacious prep room. Every teaching room in the school is equipped with a whiteboard, visualiser, DVD player, speakers and visualiser. Trolleys of laptops are available for pupils' use. The science department is fully stocked with up-to-date equipment, textbooks and software.

All of the teachers in the science department are subject specialists and they are supported by three trained technicians. A high level of practicals are carried out in all classes in all years ensuring that the pupils develop excellent practical skills.

### **Science Department Mission Statement**

To stimulate pupils interest in the natural world. To build upon every child's natural curiosity and develop their ability to question how and why natural phenomena exist. Our aim is that every pupil understands the relationship between humans and natural phenomena including in the fields of medicine, technology and environment.

Pupils will develop skills to use models and specialist equipment to visualise natural phenomena. Pupils will understand that scientific advances have been possible through the scientific method and they will test hypotheses and carry out experiments. Pupils will develop skills in communicating their understanding of natural phenomena through writing, graphical presentation and quantitative data.

We aim to equip every pupil with the skills and scientific dispositions they will require in their everyday lives and future scientific study.

### **The Role of the Science Lab Technician:**

A high premium is placed on developing our pupil's practical skills in all three sciences, therefore the role of the science lab technician is to support the science teachers in preparing, delivering and clearing away all practicals.

The responsibilities may involve, but are not exclusively:

- liaising with teachers and technicians regarding equipment requirements and work plans;
- running trials of experiments prior to classes;
- preparing equipment and chemicals before lessons;
- clearing experiments and washing up of equipment;
- maintaining and repairing equipment and laboratory apparatus where possible;
- ensuring that equipment is properly cleaned and that chemicals and other materials are appropriately stored;

- ensuring that all health and safety procedures are understood and followed correctly;
- coordinating work in the laboratory to ensure efficient use is made of expensive pieces of equipment.

**Person Specification:**

We are particularly interested in applicants for this post who are able to prepare practicals for A Level physics throughout the school.

We are looking for an experienced science technician, however if you are a science graduate/Gap year student who has studied at least one science at A level then we are interested in hearing from you. This post may be of interest to a science graduate as an interim position of a year if not a permanent position.

If you are a self-starter, able to work both independently and in a team, are a good communicator, enjoy problem solving and a busy working environment then please do complete an application form along with a covering letter. In addition, you may submit a CV although this is not necessary.

We hope that this provides you with all that you need to know in order to decide whether you wish to apply. If, however, there is anything further, please do not hesitate to contact the Headteacher via the school office. He will be pleased to answer your queries.