



Edgbarrow School



CANDIDATE INFORMATION TEACHER OF SCIENCE

EDGBARROW SCHOOL Grant Road, Crowthorne, Berkshire. RG45 7HZ TEL: 01344 772 658

Contents



- Letter from the Headteacher
- Candidate Information:
 - School Information & Vision
 - Job Description
 - Person Specification
 - Department Description
 - How to Apply
- Further Information:
 - School Links
 - Curriculum
 - Exam Results



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Berkshire RG45 7HZ

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Dear Applicant

Thank you for taking an interest in the advertised post at Edgbarrow School. We hope you find the information helpful in making your decision to proceed further in the application process. We make every endeavour to provide all candidates with equality of opportunity in the selection process. If you have any additional queries, please do not hesitate to contact the school.

Edgbarrow School is an 11-18 mixed comprehensive academy and is a founder member of the Corvus Learning Trust. The school serves the students of Crowthorne Village in Bracknell Forest. There are approximately 1500 pupils on role of which 400 are in the sixth form. Further information regarding the school can be obtained by visiting the school website at www.edgbarrowschool.co.uk.

Applications from suitably qualified and experienced candidates are welcomed via the online application system and any queries emailed to recruitment@edgbarrowschool.co.uk. This post is subject to an enhanced criminal record check and references.

Edgbarrow School is an outstanding, happy, and caring school and we look forward to receiving applications from suitable candidates for this important post. I would like to take this opportunity of expressing my best wishes to all those who apply and, whether or not you are successful in this particular application, to wish you success in your future career.

Yours sincerely

Mr Stuart Matthews

Headteacher

School Information & Vision



Thank you for your interest in this post. The enclosed literature is intended to give a better understanding of Edgbarrow School.

Edgbarrow School is a larger than average secondary school, one of six secondary schools within the Bracknell Forest borough, and the only one in the village of Crowthorne. The school is regularly oversubscribed, attracting over 530 applications for 210 places in 2023. The sixth form has grown considerably in the last five years (300 to 400).

We are very fortunate to have a stable, professional and highly committed group of teachers and support staff who work together to ensure that each student receives the best educational experience. Visitors, including parents, contractors and outside agencies frequently comment on the positive atmosphere that pervades the school, from a warm welcome at our reception that continues to be felt around the site. We are very proud of our students' attitude towards their school, learning and the way they behave.

Our Vision

Edgbarrow School is a learning community where all students and staff:

- Enjoy school life and are supported in achieving their full potential in their academic, creative and physical, moral, spiritual and personal development.
- Understand that learning and teaching have the highest priority and benefit from working within a vibrant, purposeful environment.
- Know that they can make a positive contribution and are valued as individuals, fostering mutual respect within a safe, caring and supportive community.
- Have the opportunity to develop their talents and acquire skills for life-long learning in an increasingly technological society.
- Are encouraged to be confident, motivated, healthy, enterprising and responsible citizens.

In order to help you understand the school and our priorities, we have tried to identify what defines Edgbarrow for those of us who work here. These can be summarised under the following headings:

1. Achievement

- Attainment – excellent results at all key stages
- Progress – excellent progress made by all students

2. Reputation

The school at the centre of the community that trusts its young people will be cared for and provided with opportunities to develop all skills and talents

3. Ethos

Staff and students enjoy purposeful working relationships to learn together in a safe, happy environment

4. Ambition

Purposefully driven to be constantly improving by committed and hardworking governors, leaders, teachers and support staff reflected in the manner in which students engage and behave

5. Post 16 Learning

Provision of an excellent resource to build a bridge between school and Higher Education or work.



Job Description



Job Title:

Teacher of Science

Aim and main purpose of the job

Knowledge

- Demonstrate subject competence and to keep up-to-date his/her knowledge of the National Curriculum for 11-16 year olds in relation to their subject; and where relevant to the post, other examination courses at KS4 and Post 16.
- To attend continuous professional development activities when required to update his/her knowledge of the National Curriculum, syllabus changes and national initiatives which impinge directly on teaching, pastoral or other responsibilities.
- For Newly Qualified Teachers, to attend INSET and other professional development activities required in an agreed action plan so as to meet the national standards for the Induction Year.
- To keep informed about the key priorities identified in the School Development Plan, associated department development plans and his/her responsibilities agreed upon within it.

Planning, Teaching and Classroom Management

- To teach across a range of abilities and ages commensurate with his/her experience and skills and as agreed in consultation with the Headteacher and Head of Department.
- To plan lessons in accordance with the agreed departmental scheme of work and in line with the departmental teaching and learning policy.
- To plan lessons carefully with specific learning objectives and with special regard to prior attainment data, gender and race, fluency in English, SEN (including IEPs).
- Use a variety of teaching approaches which identify, build upon and develop pupil learning styles, and the ability to learn independently.
- To set clear targets for pupil improvement and monitor progress towards these.
- To work effectively with Learning Support Assistants to plan lessons and individual support for statemented pupils, including monitoring progress on IEPs.
- To set appropriate homework in line with school and departmental policies.
- Establish and maintain good standards of pupil behaviour in the classroom by implementing consistently and fairly the School Behaviour Policy.

Monitoring, Assessment, Recording and Reporting

- To assess how well learning objectives have been achieved and use this assessment to improve aspects of teaching.
- To develop the expertise to be able to recognise the level at which a pupil is achieving, and make accurate and valid assessments using school and departmental policies and procedures.
- To mark work on a regular basis in line with school and departmental policies and guidelines.
- To make careful records of attendance and pupil progress following carefully the departmental guidelines; mark books and pupil work should be available for scrutiny as required from time to time.
- To liaise effectively with pupils' parents/carers through informative oral and written reports on pupils' progress and achievements according to the school's assessment and reporting schedule.
- To discuss with parents/carers appropriate targets for their child, and encourage them to support their child's learning, behaviour and progress.

Other Professional Responsibilities

- To undertake the role of form tutor, if required to do so, and follow the guidance given by the Head of Year in relation to carrying out this role.
- To undertake supervisory duties before school, at break or after school as required.
- To attend department and other school meetings as required.
- To contribute to the work of the department.
- To support colleagues in maintaining the school's behaviour policy.
- To maintain appropriate standards of professional appearance and conduct.
- To raise issues of concern with his/her line manager or with the appropriate member of SLT.
- For staff who have reached the Threshold, to keep evidence of their ability to maintain the Professional Standards.
- Every teacher is involved in the school's system of Performance Appraisal. Each teacher should set objectives each year with their team leader.
- The post holder is responsible for ensuring that the school safeguarding/child protection policy is adhered to and concerns are raised in accordance with this policy.
- To carry out tasks as reasonably required by the Headteacher

Details of Line Management

Teachers are line managed by Heads of Department and heads of Year in respect to their work as a tutor.

Notes

Whilst every effort has been made to explain the accountabilities of this post, each individual task undertaken may not be identified.

This job description is current, but following consultation with you, may be changed by the Headteacher to reflect or anticipate changes in the job which are commensurate with the salary and job title.

Person Specification



Key Criteria	Essential	Desirable
Qualifications	<p>Qualified Teacher Status</p> <p>Good honours degree</p>	Evidence of further study
Experience	<p>Teaching of subject to pupils at KS3 and KS4</p> <p>Teaching of subject post 16</p> <p>Ability to use ICT effectively to support learning</p> <p>Ability to use ICT to raise achievement</p> <p>Demonstrable experience of improving pupil outcomes</p> <p>High quality outcomes</p> <p>Experience as a form tutor and/or pastoral work</p>	
Professional Skills & Abilities	<p>High expectations of pupils</p> <p>Developing and maintaining good relationships with colleagues</p> <p>Good or outstanding practitioner</p> <p>Excellent communication skills</p> <p>Able to work constructively individually, and as part of a team</p> <p>Good literacy/numeracy skills</p> <p>Able to work with students within an agreed behaviour management policy</p>	<p>Willing to become involved in extra-curricular activities</p> <p>Extensive subject knowledge</p>

Key Criteria	Essential	Desirable
Personal Qualities	<p>Very hard working</p> <p>A sense of purpose and drive to raise standards</p> <p>Positive attitude, energy & commitment</p> <p>Well organised</p> <p>Well presented</p> <p>Ability to work hard under pressure while maintaining a positive professional attitude</p> <p>Ability to organise and prioritise workload and work on own initiative</p> <p>Commitment to personal career development</p>	
Work Related Personal Requirements	<p>Committed to equality of opportunity</p> <p>Ability to maintain strict confidentiality of information received and processed as part of the job role</p>	
Other Work Requirements	<p>Good level of health and fitness</p> <p>Ability to meet physical/social/emotional needs of students</p> <p>Participate in training and development opportunities</p> <p>Suitable to work with children</p>	



Science Department



We are confident that the success of the Science Department lies in the committed, enthusiastic and supportive way in which it works. All members of the Department have specialist knowledge and skills which are developed to the full and shared freely. Success is very much based upon teachers and technicians working as a team and supporting each other in creating the best possible learning environment for our pupils.

The Science Curriculum

At KS3 we are using Kerboodle Activate to support delivery of the Key Stage 3 National Curriculum and Programme of Study. The scheme of work, developed by the department, provides a range of focused practical tasks.

Students receive six lessons per fortnight.

We begin to teach Key Stage 4 Science during year 9 to all students.

As students progress through the KS4 Science course we monitor their level of performance and advise students which courses we think they should move on to.

Students can then either follow the Combined Science GCSE course or choose the Separate Sciences (3 GCSEs in Biology, Chemistry and Physics) as an option at KS4. Separate Scientists get 5 additional periods per fortnight to complete all 3 GCSEs.

Biology, Chemistry and Physics A Levels are taught in Years 12 and 13.

Science Staffing

The Science Department has a Head of Science, Second in Science/KS4 Co-ordinator, a Third in Science KS3 Co-ordinator and other TLR posts in charge of A Level areas. Other positions of responsibility are offered to all members of the department. The Science Department has a Head of Science, Second in Science/KS4 Co-ordinator, a Third in Science KS3 Co-ordinator and other TLR posts in charge of A Level areas. Other positions of responsibility are offered to all members of the department. The Science Department has a team of four experienced and well qualified technicians, one well qualified administrator and full time HLTA support.

Facilities

The Department which has a separate purpose built block currently has eight full time and four part time teaching staff that have the use of ten laboratories, two preparation areas, a work room and Head of Science office. The Department and pupils enjoy working in all areas of science. The laboratories are well equipped for the delivery of the National Curriculum. The Department has a number of PCs and data-logging apparatus which are used to deliver the department's ICT contribution to the school's ICT programme. The department is networked and a dedicated set of laptops. All of the laboratories have smart TVs.

Mrs A Mackenzie Dodds
Head of Science

How to Apply



Complete the online application form via TES.

1. References will be taken up for shortlisted candidates prior to the interview date. Corvus Learning Trust is committed to safeguarding and promoting the welfare of all students. Each student's welfare is of paramount importance. Successful candidates will be required to undertake an enhanced DBS check.
2. If you have any queries regarding this application process, please contact our HR department on 01344 772658 or email recruitment@edgbarrowschool.co.uk

CONTRACT TYPE:	Permanent, Full/Part Time
SALARY:	ECT/MPS/UPS
START DATE:	September 2024

Edgbarrow School is committed to safeguarding and promoting the welfare of children and young people and expects all who work at the School to share this commitment. Successful applicants will be subject to an Enhanced Disclosure from the Disclosure and Barring Service (DBS).

Any offer of employment is therefore conditional on clearance from the above, the receipt of two satisfactory references, a satisfactory medical questionnaire, proof of qualifications, overseas checks where applicable, and proof of right to reside and work in the UK.

Edgbarrow School is committed to protecting the health, safety and welfare of all employees. To this end, staff enjoy:

- Contributory Pension Scheme
- Employee Assistance Programme
- Working as part of a motivated and committed team
- Access to on site fitness gym
- Cycle to work Scheme
- Eye Care Voucher Scheme

Further Information



School Links:



Sandhurst School

- [Edgbarrow School](#)
- [School Prospectus](#)
- [Corvus Learning Trust](#)

Curriculum:

The curriculum is organised within a two-week cycle. Each week is composed of 25 lessons, each lasting for one hour.

The Progress Department will work with students, both individually and in small groups, who need support to improve their Literacy skills.

Key Stage Four: Years 10 and 11 (ages 14-16)

All students study a core of subjects: English and English Literature, Mathematics, Science, Physical Education and PSHGEE (including Religious Education). Students may also be offered the opportunity to study Triple Science.

In addition, students may choose four further subjects from:

- **GCSEs:**

Art, Business Studies, Computing, Design and Technology (Food Engineering & Product Design), Drama, Economics, French, Geography, German, History, Information and Communication Technology, Music, Spanish, Physical Education, Religious Education and Science. However, all students are required to select at least one E-Bacc subject e.g. Geography, History, Computing, French, German or Spanish.

- **BTECs, VCerts & Cambridge Nationals:**

Information Technology, Business Studies, Sport, Performing Arts and Health and Social Care.

Sixth Form: Years 12 and 13 (ages 16-19)

In Years 12 & 13 students generally follow three subjects, leading to a full A level qualification and/or a Level 3 BTEC.

- **A Level Courses:**

Art and Design, Biology, Business Studies, Chemistry, Computing, Design and Technology (Food Technology & Product Design), Economics, English Language and English Literature, French, German, Geography, Government and Politics, History, Mathematics, Media Studies, Music, Philosophy and Ethics, Photography, Physics, Psychology, Sociology, Spanish, Sport and PE and Theatre Studies.

- **BTEC Courses:**

Sport and Exercise Science, Business Studies, Health and Social Care and ICT.

Enrichment Opportunities

In addition to their examination courses, all students participate in an enrichment programme. This programme is focused on a range of activities designed to give students an opportunity to participate in, and benefit, their local community e.g. a range of sports teams, Duke of Edinburgh Award, Young Enterprise, Operation Wallacea as well as many department-based clubs.

School Examination Results:

- Level 2 GCSE and BTEC**

We are very proud of the examination results achieved by our students over the past three years. Staff have worked hard with new data to track and monitor students and develop intervention strategies in order to help each individual to achieve their potential.

Whole School	P8	A8	9-5 EM	9-4 EM
2023	+0.01*	53.31	60%	80%
2022	+0.65	59.41	66%	87%
2021	N/A	58.80	74%	85%
2020	N/A	57.32	68%	87%
2019	+0.36	55.59	65%	82%
2018	+0.43	56.30 (B)	65.1%	82.8%

*estimated

- Level 3 A Level and BTEC**

In recent years we have worked hard to improve our examination results at post 16. A new Sixth Form building has certainly helped to provide an excellent learning environment and educational experience for our students. However, there is no doubt that staff have worked hard to develop the quality of teaching at post 16 and as a result the grades achieved by our students have improved significantly.

Whole School	A*-B	A*-C	Overall Pass Rate
2023	60%	82%	99%
2022	69%	90%	99%
2021	73%	87%	99%
2020	64%	86%	100%
2019	52%	77%	98%
2018	58%	81%	99%

