

COLYTON GRAMMAR SCHOOL
Colyford, Colyton, Devon. EX24 6HN
01297-552327



Details of the Post of
HEAD OF CHEMISTRY

This school is committed to safeguarding and promoting the welfare of children and expects all staff and volunteers to share this commitment.



**HEAD OF CHEMISTRY
(FULL TIME, PERMANENT)**
Required for September 2018

The Post

The successful candidate will contribute to teaching at Key Stage 3, GCSE and A-Level.

The candidate should have

- Confident subject knowledge
- Experience of leading some developments in the subject
- Good teaching skills with the potential to be excellent
- A commitment to the broader life of the school community
- A concern to promote high student achievement
- A desire to contribute to a culture of curriculum development
- A commitment to further professional development and ambition to further career
- A genuine interest in young people and tutorship
- The commitment to be a reflective practitioner and develop professionally

The post would suit a teacher seeking to widen their experience and the school commits to provide appropriate support and encouragement.

A TLR2b would be available for a suitably experienced candidate.

SELECTION ARRANGEMENTS

Closing Date: Friday 23 February 2018

Interviews: Tuesday 6 March 2018

An application should be made via TES.com

<https://www.tes.com/jobs/employer/colyton-grammar-school-1035952>

Candidates are welcome to ring the Headteacher to discuss the post informally.

SCIENCE IN THE SCHOOL

Background

The department is innovative, with an outstanding record of examination success. There is a well-balanced mix of experience, with well-qualified staff. Teachers are enthusiastic and the teaching programme is supplemented by thriving Science Clubs and a range of subject-specific extra-curricular activities. Impressive success has been achieved in National Science Olympiads. There are good links with local primary schools and the department periodically hosts Inset Days and organises Science Days for primary pupils. The school also has a community science programme working to enhance the understanding of Science.

Curriculum

Key Stage 3 (Yrs 7/8)

All students follow the national curriculum, with 15% of the timetable allocated to Science.

GCSE

All students will follow separate sciences in Physics, Chemistry and Biology at GCSE. Success rates are amongst the highest in the country with approximately 90% achieving A*/A.

GCE A-Level

The sciences are popular choices at A level. About 75% of the sixth form follow at least one Science subject at A Level. Results are consistently impressive; 50 – 60% of students proceed on to Science based degrees, a significant number gaining Oxbridge places.

The Staff

- The Department consists of 12 staff including a Subject Leader in each of Biology, Chemistry and Physics.
- The Science Department staff are highly talented and the quality of teaching across the department is excellent. New colleagues are fully supported and typically develop quickly as effective practitioners in this rewarding teaching environment.
- The department is well supported by a team of technicians, and offers an excellent environment for an ambitious and talented teacher to pursue professional development.

Facilities

There are 9 well-equipped, modern laboratories, a seminar room and staff work areas. All classrooms are linked with the school's IT network and the school has several network rooms to support cross-curricular work. Laboratories are all equipped with an inter-active whiteboard. There is also an attractive and well-stocked library to support individual study.

The Chemistry Department is a friendly, busy and successful team consisting of experienced teachers, and a recently qualified teacher. Innovation in teaching and learning and the provision of secure challenge to all students are commonplace in the department. We deliver AQA GCSE Chemistry at KS4, and Edexcel GCE Chemistry is taught at A-Level. The department enjoys excellent facilities, including two dedicated teaching labs, and is supported by a team of dedicated and hard-working technicians.

SCHOOL

General Background

- Colyton is a co-educational selective school, founded in 1546. There is a well-established culture of development and improvement and the school is one of only a small number of secondary schools to have been graded as outstanding in 4 successive inspections.
- Work has focused on Gifted and Talented provision, Assessment and currently includes developing appropriate challenge in lesson planning and a phased programme to develop critical thinking skills across the curriculum. It became an Academy on 1st January 2011.
- The school has a national reputation for its work in teaching and learning of the More Able having been an Ambassador School of the National Academy for Gifted and Talented Youth.
- In 2013, 2014 and 2015 the School was identified by the Department for Education as the top state or independent school nationally at Key Stage 4. At Key Stage 5 the School was 2nd in 2015 and 1st in 2016.
- The School's results is the consequence of a strong emphasis upon evaluating teaching and learning strategies and effective systems to support the development of each individual.
- The majority of students continue into the sixth form. Typically about 98% continue on to university with 10% gaining Oxbridge places.
- The school is served by a wide area with students being drawn from more than 50 primary schools.
- The school has an exceptionally attractive site and in the last decade there has been significant capital development in all areas of the school including a refurbished Drama Studio, Art studios, science labs, and Music Centre. The main school hall/theatre was redeveloped in 2014/15.

The Local Area

The school is situated in the village of Colyford in the renowned Axe Valley in East Devon. Local centres of population are: Seaton (one mile distant on the coast - pop. 7,000), Lyme Regis (7 miles); Axminster (seven miles inland - pop. 6,000), and Colyton (one mile away - pop. 4,000). The School draws its students from a wide area of East Devon, stretching as far to the West as Exmouth and Exeter, as well as South Somerset and West Dorset. The city of Exeter (pop. 100,000), some 23 miles distant, is the principal centre for the area, whilst Taunton and Yeovil are the other large towns in the vicinity.

The School Culture

Staff commitment is excellent, reflecting a rewarding teaching situation, and there is a strong sense of community. Staff professional development is at the core of the school's plan to support our students to achieve beyond their dreams.

Standards of teaching are very high and the Inspection Report commented that the school is remarkable for the extent of teaching, which is good to excellent. The grades awarded for teaching were amongst the highest ever awarded at secondary school level.

Students are well motivated and this is a school in which students genuinely work in partnership with staff. There is a very active Parents' Association.

Curriculum

As students arriving at Colyton have typically achieved good Level 5 or better in primary school, our Key Stage 3 programme is completed in just two years. This then facilitates a three year Key Stage 4 programme which encompasses not just eleven GCSEs but also a range of additional components in the form of enrichment.

At the end of Year 11, students will progress to a two year sixth form programme structured around a pathways model i.e. some students may decide to pursue four A-Levels whilst others may opt for three A-Levels and the Extended Project. Alongside their traditional academic studies, sixth form students also have the opportunity to develop a wide range of cross curricular skills such as team work – Ten Tors and the Duke of Edinburgh’s Award, independent learning and leadership by engaging in a range of activities such as music, sport, drama and community work through the National Citizen Service.

PROFESSIONAL DEVELOPMENT

The school has a reputation for high quality professional development, which is developed through:

- Partnership with South West Selective Schools through the South West Academic Trust;
- A partner in two teaching school alliances;
- Strong links with Higher Education (Exeter University is a partner with the school supporting school-based research);
- Induction and Performance Development;
- Continuing Professional Development to support responses to national and school-based priorities;
- Consultative planning structures;
- A culture that is rooted in seeking continuous improvement.

Ofsted described staff development as a model of good practice.

Details of the last Ofsted report are available on the school website: www.colytongrammar.devon.sch.uk

2016 Key Stage 4 RESULTS

(GCSE Results gained by Year 10)

Subject	Entries	A*	A	B	C	D	E	F / G
Art & Design	31	17	8	5	1	0	0	0
Biology	119	50	38	28	2	1	0	0
Business Studies	32	20	8	4	0	0	0	0
Chemistry	119	53	41	24	1	0	0	0
Computer Science	12	2	6	3	1	0	0	0
D&T Resistant Materials	17	7	7	3	0	0	0	0
Drama	31	0	6	16	9	0	0	0
English Language	119	39	52	23	4	1	0	0
English Literature	119	53	56	9	0	0	1	0
French	84	31	26	15	7	4	1	0
Geography	23	7	11	5	0	0	0	0
German	45	6	10	20	7	2	0	0
History	62	30	25	6	1	0	0	0
Maths - Application	119	42	43	28	6	0	0	0
Maths - Method	119	37	43	37	2	0	0	0
Music	20	1	9	6	4	0	0	0
Physics	119	71	31	15	2	0	0	0
Religious Studies	118	40	36	33	8	1	0	0
TOTAL	1308	506	456	280	55	9	2	0

Summary of Key Stage 4 Results 2016 DfE Performance Tables 2016

Colyton Grammar School	% Achieving Grade C or better in English and Maths	Progress 8
Colyton Grammar School	99	+0.37
Devon LA Average	64.6	-0.01
All schools, incl. Independent	62.9	-0.03

% Achieving English Baccalaureate 2016

Colyton	85.0
National	24.5
Devon	23.2

2017 A-Levels
An Analysis and Results by Subject

Subject	Entries	A*	A	B	C	D	E	U
Art (Fine)	9	6	2	1	0	0	0	0
Biology	63	20	16	13	9	4	1	0
Chemistry	42	10	15	6	4	7	0	0
Design & Technology	11	0	1	6	3	1	0	0
Drama	12	4	1	1	4	2	0	0
Economics	10	2	5	1	2	0	0	0
English Literature	23	12	4	5	2	0	0	0
French	11	0	2	3	3	3	0	0
Geography	20	4	11	4	1	0	0	0
German	5	0	0	2	3	0	0	0
History	36	11	17	6	2	0	0	0
Mathematics	55	19	23	9	2	0	2	0
Further Mathematics	20	4	12	0	4	0	0	0
Music	1	0	1	0	0	0	0	0
Physics	44	10	13	9	4	6	2	0
Politics	9	3	4	1	1	0	0	0
Psychology	12	3	3	4	2	0	0	0
Religious Studies	8	0	7	1	0	0	0	0
Sports/PE Studies	4	1	2	1	0	0	0	0
TOTAL	395	109	139	73	46	23	5	0

Summary of A-Level Results 2017

Students Aged 17:	106	Number of full time students at the end of A-Level Study:	106
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Grade and points from best 3 A-Levels		
	Average Grade per student	Average Point Score per student
Colyton Grammar School Students	Grade A	47.33
Devon	Grade C+	33.34
England – all schools	Grade C+	33.79