

September 2018



# CHURCHER'S COLLEGE

NURSERY • JUNIOR • SENIOR • SIXTH FORM

## MATHEMATICS

### The School

Churcher's College is an Independent co- educational day school offering Nursery, Junior, Senior and Sixth Form education. With 865 pupils in the Senior School and 225 pupils in the Junior School (excluding the Nursery) of approximately equal numbers of boys and girls, Churcher's College enjoys recognition as one of the most accomplished independent, co- educational day schools in the country.

The school is hosted on two campus sites in Hampshire enabling the Junior School and Nursery pupils to flourish in their own beautiful grounds in Liphook, whilst maintaining close links to the Senior School and Sixth Form located in nearby Petersfield. Both sites offer on-site playing fields and unrivalled facilities, providing the comfort and opportunities of an open, healthy environment.

Churcher's College offers the widest range of experiences and the opportunity to be the best. The school has received independent acknowledgement for its academic success, creative arts, performing arts, adventurous activities and sporting achievements. Churcher's is an inclusive school where parents, children, staff and friends all contribute

to the rich and broad education provided. We aim to nurture children into educated, informed, socially responsible and respectful citizens ready to succeed in life.

### Teaching at Churcher's College

We provide an excellent education for all pupils based upon traditional values and academic standards, personal discipline and the development of self-confidence. This is accomplished within a caring environment and a positive balance between academic studies and enterprise and adventure outside the classroom.

A dynamic and innovative place to work, Churcher's College is academically strong (2017 A Levels: 77% A\* and B grades, 45% A\* and A grades. 2017 GCSEs: 90 % grade B and above, 62% A\* to A grade) and has been recognised as a 'Top 100 Independent School' by A Level results and winner of the 'A Level Award for the South of England 2017' at the British Education Awards.

Beyond the classroom we offer a vibrant and extensive extra-curricular programme. With over 35 sports teams representing the school a term and unbeaten seasons, sport has strength

in numbers and ability. Music and drama flourish with many pupils taking music lessons, numerous accomplished ensembles, and regular highly reviewed and varied student drama productions ranging from A Christmas Carol to Miss Saigon. Getting outdoors with our adventure programme is very popular; CCF, Duke of Edinburgh, plus First and World Challenge expeditions offer exciting opportunities to staff as well as pupils.

### Our Teachers

Our teachers are gifted individuals who are able to inspire pupils with their enthusiasm and subject knowledge. They are committed to high quality teaching and participate in the extra-curricular programme. Most are graduates with postgraduate certificates. Those without PGCEs are supported to gain the qualifications soon after appointment. Training and professional development programmes are established, and we are experienced in managing Newly Qualified Teachers. Our staff are both NQTs and experienced teachers; providing a stimulating and rewarding environment. Staff children enjoy a significant reduction in fees. Single local accommodation may be available.



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## The Mathematics Faculty

The Faculty benefits from having its own suite of classrooms, five with interactive whiteboards and a classroom comprising a suite of 24 computers is available for use. There is also a dedicated Mathematics workroom containing resources.

### Key Stage 3

The texts used in year 1-2 are the Elmwood Press essential Maths range by David Rayner. These texts place an emphasis on number and algebra, and problem solving, reflecting recent changes to the requirements at KS4. In the first year we do not allow the use of a calculator and there is an extra emphasis on long multiplication and division and mental arithmetic.

### Key Stage 4

All students follow the Edexcel IGCSE specification A and are entered for the Higher Tier. The course is actually started in the third year to allow the time for the extra topics and problem solving that has now been included into the new IGCSE 9-1 specification to be taught. All pupils have a copy of the Collins Edexcel IGCSE Mathematics textbook.

### Accelerated Groups

The very top set are accelerated from the third year. They study the OCR Free Standing Mathematics Qualification (FSMQ) in Additional Mathematics alongside their IGCSE. The pupils then sit both qualifications at the end of the fifth year. We believe this challenges our most able pupils and as the majority of this top set go onto to study A Level Mathematics, it also gives the pupils an excellent insight into both the Pure and some aspects of the Applied Mathematics delivered in the Lower Sixth; it also offers those who go on to study Further Mathematics a considerable head start.

### Sixth Form

In the Sixth Form we have a large number of students who study A Level Mathematics and we follow the Edexcel specification. We do not do an AS exam instead all Lower Sixth students sit an

internal exam towards the end of the year to assess their progress and give help with predicted grades needed for UCAS applications.

Further Mathematics is open to students who have achieved a grade 9 or a high grade 8 at GCSE/IGCSE. However, we do find that it is very beneficial if the students have also studied Additional Mathematics as the course is very demanding and only recommended for the most able Mathematicians. These pupils are taught separately to those who want to just study Mathematics. They study the full A Level Mathematics specification in the Lower Sixth and sit the A Level examination in Mathematics at the end of this year. In the Upper Sixth they go onto study the A Level in Further Mathematics.

## Qualities and Experience

Applicants should have:

- the ability to deliver Mathematics in an ordered and imaginative way
- the ability to communicate ideas and information clearly
- adaptability to a variety of teaching situations
- good judgement in assessing work and pupils
- decisiveness in classroom control
- co-operation when working as part of a team
- sense of perspective
- sense of humour
- punctuality and good organisational skills
- willingness to play a significant role in the extra-curricular life of the College

## Application Details

As a consequence of the Children Act 2006 and KCSIE 2016, all staff appointed to positions at Churcher's College must undergo a check with the Disclosure & Barring Service. A copy of the School's Recruitment, Selection and Disclosure Policy and Procedure is available on the website. Two written references will be required and any gaps in employment

records will be investigated. It is also necessary for all staff to notify the Headmaster before the appointment of any convictions, or other factors which may be relevant to their employment in a school environment. Churcher's College is committed to safeguarding and promoting the welfare of children and young people and expects all staff to share this commitment.

Churcher's College aims to be a fair employer and is committed to equal opportunities.

Churcher's College does not discriminate against employees on the basis of gender, ethnic origin, religion or religious belief, disability or age.

Application forms with covering letter and CV (optional) should be sent to the Headmaster at Churcher's College, Petersfield, Hampshire GU31 4AS or by email to [recruitment@churcherscollege.com](mailto:recruitment@churcherscollege.com) by 12 Noon on Thursday 25th January 2018

Interviews will be held on Wednesday 31st January 2018

## Terms and conditions

Salary will be calculated according to experience and responsibility at an appropriate point on the Churcher's College salary scale, which is higher than state levels.

Assistance with accommodation may be available.

The children of staff are eligible for a fee remission subject to satisfying the usual entry requirements.

A contribution to re-location costs can be claimed subject to the terms of appointment for the post.

The successful candidate will begin working at Churcher's in September 2018.