

# SEVENOAKS SCHOOL

## International Baccalaureate Pre-IB Maths Revision & Mid-IB Review Courses



SUMMER 2024



“ Thank you for all the resources,  
they have proven to be extremely  
useful and I will definitely be using  
them for the rest of my revision. ”

*Summer IB revision course student*





## SEVENOAKS SCHOOL

Founded nearly 600 years ago, Sevenoaks School is a leading HMC British independent school with over 1100 pupils. It is beautifully situated on the edge of Sevenoaks town and adjoins the 1000-acre park of Knole. Its 100-acre campus environment is often compared with that of a university and boasts, among other attractions, a world-class performing arts centre and a modern sports centre. The school is also perfectly positioned for easy access: 30 minutes' and one hour's car journey from Gatwick and Heathrow airports, respectively, and 30 minutes' train journey from central London.

The school's lively and cosmopolitan Sixth Form consists of over 400 pupils, many of whom are boarders at the school.



## THE INTERNATIONAL BACCALAUREATE

Sevenoaks has been teaching and administering the IB since 1978. In 1999 it took the decision to drop A-levels; now all Sixth Form students take the IB Diploma. The school can draw on a wealth of experience from teaching staff who are fully familiar with the syllabuses and the academic standards required to achieve success in the IB Diploma.

From 2020 to 2023 the average points scored for the school's IB candidates was a very impressive 40.2 out of a maximum 45 points, with 25 securing 44 points and another 29 securing 43 points. Sixty-four per cent of the cohort achieved 40 points or more – a truly excellent result. We are confident that those joining our revision courses will receive the very best teaching and preparation for their IB exams.





## ABOUT THE COURSES

The purpose of the courses is to provide students who have completed the first year of their IB Diploma with a structured review of the content and skills covered in the subjects they choose to study on the course. Students will receive 15.5 hours of subject teacher contact time over three days as well as the opportunity for up to two hours individual subject-specific support session, Internal Assessment, Extended Essay and/or Personal Statement advice. During the review course the teachers, most of whom are or have been employed at Sevenoaks School, will:

- Give a written synopsis of the L6 IB syllabus for their subject to ensure students are fully aware of the necessary ground to cover to be successful
- Cover as much of the exam syllabus as the 15.5 hours of contact time per subject allows, including all the content of the 'core' in the case of Higher Level Maths, Physics and Chemistry (for content of History see footnote below)
- Provide suitable written and visual resources to students to inform and help them with their learning
- Provide intensive tuition in the IB syllabus of the chosen subject
- Develop the students' exam techniques to ensure they develop the necessary skills to answer IB exam questions successfully
- Set and mark written work so that students can improve their exam performance
- Provide individual and collective advice on how to revise.







## STRUCTURE AND RANGE OF MID-IB REVIEW COURSES

Applicants are invited to apply for either one or two courses. Each course will include 15.5 hours teaching time as well as the opportunity to sign up for individual subject-specific, Internal Assessment, Extended Essay and/or Personal Statement advice. Classes start at 09.00 and conclude at 16.00 on the first and third days of the course with sign-up sessions available between 15:00-17:00 on day two. With an hour for lunch (provided and included in the cost) in the middle of the day, the morning and afternoon sessions are intensive. Students are also expected to complete approximately two hours of work on the two evenings when there are classes the following day.

We plan to offer teaching and tuition at both Standard Level and Higher Level, subject to demand, in the following subjects:

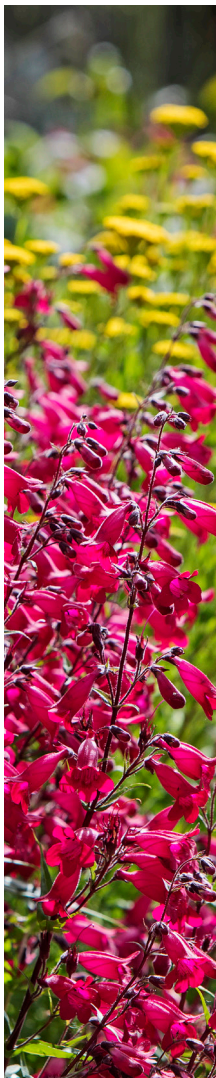
Biology	Maths Analysis and Approaches
Chemistry	Maths Application and Interpretations
Economics	Philosophy
English A World Literature	Physics
French B	Psychology
Geography	Russian (combined SL/HL)
German B	Spanish Ab Initio
History *	Spanish B (combined SL/HL)
Latin (combined SL/HL)	

Applicants can therefore study a maximum of two subjects/courses over the six days of the courses. Alternatively, they may attend just one of the courses. Applicants for two courses should be aware that the order of the courses chosen is not guaranteed.

---

*\*Paper 1: The Move to Global War; Paper 2: Cold War and Authoritarian and Single Party States; Paper 3: Europe (Russia and Unification of Italy and Germany). Other topics may be able to be accommodated.*

*Please email [ibreviewsummer@sevenoaksschool.org](mailto:ibreviewsummer@sevenoaksschool.org) if you have a question about topics.*



## PRE-IB MATHS REVISION COURSES

These courses are aimed at current Year 11 students who from September 2024 will be embarking on the IB Higher Level Maths Applications and Interpretations or IB Higher Level Maths Analysis and Approaches without having studied Maths beyond IGCSE or GCSE or equivalent. These courses are not aimed at students who have already completed an Additional Maths course at (I)GCSE level.

The courses address the following topics (essentially the Additional Maths course):

- A review of algebra, coordinate geometry and trigonometry
- Polynomials; the factor and remainder theorems
- The binomial expansion and its applications
- Further trigonometry; trigonometric identities and equations, trigonometry in 3 dimensions
- Differentiation; differentiation from first principles, finding tangents and normals and stationary points
- Integration; indefinite and definite integration and areas under a curve
- Applications of calculus to kinematics
- Exponential and logarithmic functions

## DATES AND TIMES OF PRE-IB MATHS REVISION COURSES

### COURSE 1

Sunday 18-Tuesday 20 August (Boarders arrive on the evening of Saturday 17 August, and depart at 16:30 on Tuesday 20 August If only taking one course.)

### COURSE 2

Wednesday 21- Friday 23 August (Boarders arrive on the evening of Tuesday 20 August, and depart at 16:30 on Friday 23 August if only taking one course.)













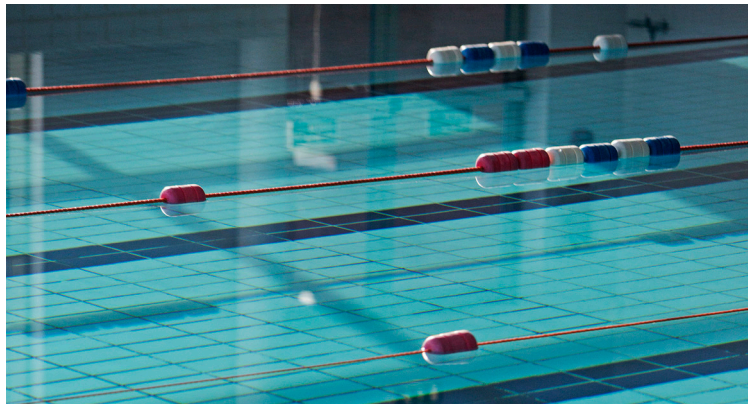
## THE RESIDENTIAL OPTION

Those attending either or both courses will be asked to arrive at their allocated residence any time between 16:00 and 21:00 on the night before the course starts and will stay a total of three nights for each course.

Students will stay in one of the school's boarding houses. All residents will be accommodated in single or twin bedrooms where there will be facilities to work in the evening. A member of the school's academic boarding house staff will be on duty during the course and be responsible for residents.

Breakfast, morning and afternoon refreshments, lunch and an evening meal will be provided in the school's central dining room.

Please note that it may be necessary for students to share accommodation although, if a single is requested, these will be offered on a 'first come, first served' basis.



## THE NON-RESIDENTIAL OPTION

Those who live, or can find accommodation, close enough to the school to enable them to attend a course on a non-residential basis may prefer to do so. Lunch, drinks and snacks will be provided.

## USE OF SCHOOL FACILITIES

Whether as a residential or day student, those attending a review course will have access to the school's outstanding facilities, including the library to assist with revision, and the Sports Centre with the swimming pool being available at certain times. For fresh air and exercise there is the wide expanse of school playing fields adjoining the main school campus.





## DATES AND TIMES OF MID-IB SUMMER REVIEW COURSES

### COURSE 1

Sunday 18-Tuesday 20 August (Boarders arrive on the evening of Saturday 17 August, and depart at 16:30 on Tuesday 20 August if only taking one course.)

### COURSE 2

Wednesday 21-Friday 23 August (Boarders arrive on the evening of Tuesday 20 August, and depart at 16:30 on Friday 23 August if only taking one course.)

Each course will include a total of 16.5 hours of tuition and teaching. Classes will start at 09.00 and conclude at 16.00 for the three days of the course. There is an hour for lunch (provided and included in the cost) in the middle of the day. Students are also expected to complete approximately two hours of work on the two evenings when there are classes the following day.

## MID-IB REVIEW AND PRE-IB MATHS REVISION COURSE FEES FOR 2024

### NON-RESIDENTIAL OPTION

3 days non-residential (Sevenoaks & non-Sevenoaks pupils) £643  
(£609 if booked and paid before 1 May 2024)

6 days non-residential (Sevenoaks and non-Sevenoaks pupils) £1211  
(£1147 if booked and paid before 1 May 2024)

### RESIDENTIAL OPTION

3 days residential (Sevenoaks pupils)	£916	* £868
3 days residential (non-Sevenoaks pupils)	£1100	* £1042
6 days residential (Sevenoaks pupils)	£1737	* £1645
6 days residential (non-Sevenoaks pupils)	£2074	* £1965

\* If booked and paid before 1 May 2024

In the event of cancellation before 1 July 2024, £100 is non-refundable. If we are informed of cancellation after 1 July none of the fee will be refunded. The last date for receipt of payment is 1 July 2024.





## HOW TO APPLY

Please visit the [IB Revision Courses](#) page on the school website for the application form, terms and conditions and payment information.

You will receive an email straight away confirming receipt of the application form, and a further email later to confirm receipt of payment and the completion of your application. Shortly before the course starts you will receive an email providing more details of the course arrangements.

Some classes fill up more quickly than others, so early application is recommended. All subjects require a minimum enrolment of four students. In the unlikely event of there not being enough students to fill a class, applicants will be informed as far in advance of the start of the course as possible. Applicants may then choose another course, or receive a full refund of course fees.

The application deadline is Monday 1 July 2023. If you wish to apply after this date, please contact the course coordinator, Mr Paul Thompson, at [ibreviewsummer@sevenoaksschool.org](mailto:ibreviewsummer@sevenoaksschool.org).





## METHODS OF PAYMENT

Personal cheques should be made payable to 'Sevenoaks School' and sent to:

Paul Thompson, Course Coordinator  
IB Summer Revision Study Courses  
Sevenoaks School  
High Street  
Sevenoaks  
Kent TN13 1HU  
UK

Bank transfer to:

IBAN: GB30NWBK60190225848070  
BIC: NWBKGB2LXXX  
NatWest Bank  
67 High Street  
Sevenoaks  
Kent TN13 1LA  
Sort code: 60-19-02  
Account no: 25848070

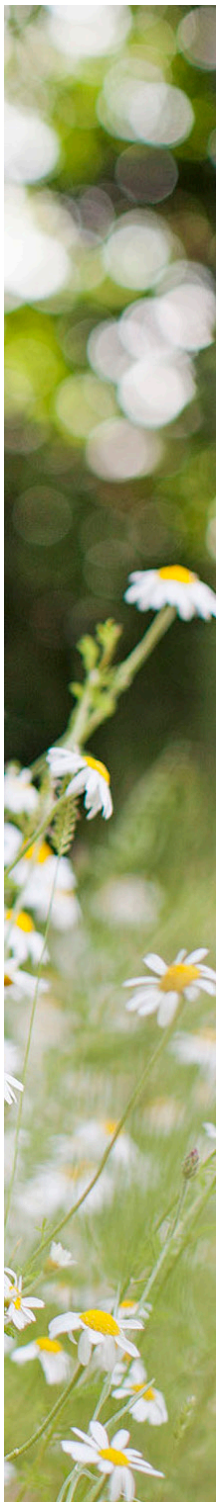
Reference: 'SUMMER' AND 'NAME OF THE STUDENT'

Please ensure any bank charges are incurred by you and not deducted.

## INSURANCE

It is recommended that students are fully insured for medical treatment and loss or damage to their personal property while they are completing a course. It is also advisable to insure against late cancellation, in case of illness for example.





## FAQ

### How many subjects can I book?

It is possible to book a maximum of two Mid IB courses. One subject can be studied in the first three-day course (Sunday 18 to Tuesday 20 August). A second subject can be studied in the second three-day course (Wednesday 21 August to Friday 23 August). Alternatively you can choose to come for just one of the courses to study one subject. The Pre-IB Maths course is one (three-day) course only.

### What should I bring?

Bring any notes you may have been given or taken on the subject in the last 12 months, as well as writing implements, rulers, calculators etc. If you wish to make use of The Sennocke Centre (sports), then please bring sports kit, racquets, swimming kit etc.

For boarders: aside from what you'd expect to bring, please also bring a towel, and a plug adaptor may be useful.

### What time can I arrive at the boarding house?

The boarding house staff will expect you to arrive between 16:00pm and 21:00pm the day before your lessons start (so arrive on Saturday 17 August for the first course running Sunday 18 to Tuesday 20; and arrive on Tuesday 20 August for the second course running Wednesday 21 August to Friday 23 August).

### Does the school organise transport to and from the airport or railway station?

We regret that the school will not make transport arrangements for subscribed students to and from airports or other public travel points.

### Can the school recommend a taxi company?

The boarding community here often use the taxi firm Beeline: 01732 456214

### Where should I ask the taxi to go to?

Girls will board in Park Grange (postcode TN13 1HY).  
Boys will board in Aisher House (postcode TN13 1PF).

### Where should I book the taxi to pick me up from on the last day?

Ask the taxi to pick you up from Duke's Meadow, which is the big car park near The Sennocke Centre (the sports centre).

### Can I stay in school accommodation before or after the course dates?

Accommodation in school property for residential students is available only for the nights specified.





Sevenoaks School, High Street, Sevenoaks, Kent TN13 1HU

Telephone: +44 (0)1732 455133

Email: [ibreviewsummer@sevenoaksschool.org](mailto:ibreviewsummer@sevenoaksschool.org)/[preibmaths@sevenoaksschool.org](mailto:preibmaths@sevenoaksschool.org)

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