

# SEVENOAKS SCHOOL

## International Baccalaureate Pre-IB Maths Revision and Mid-IB Review Summer Courses



“ The teachers were amazing and went above and beyond to help. I truly understood certain topics for the first time after two years. ”

*Mid- IB Review course student*



## SEVENOAKS SCHOOL

Founded nearly 600 years ago, Sevenoaks School is a leading HMC British independent school with around 1180 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 transport links: 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 2021 to 2024 the average points scored for the schools' IB candidates was a very impressive 40 out of a maximum 45 points. This year, sixty-one per cent of the cohort achieved 40 points or more – a fantastic result.\*

We are confident that those joining our revision courses will receive the very best teaching and preparation for their IB exams.

\* Please go to the school website: [www.sevenoaksschool.org/academic/exam-results/](http://www.sevenoaksschool.org/academic/exam-results/) for IB results. for IB results.

## ABOUT THE MID-IB REVIEW 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. 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
- Provide individual and collective advice on how to revise for the forthcoming exams

“ 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. ”

*Mid-IB Review course student*



## STRUCTURE AND RANGE OF 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 each day and conclude at 16:15 on the first day of the course. Sign-up sessions are available between 15:00-17:00 on the second day. The third day finishes at 16:00. 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.

<sup>1</sup> 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.

## ABOUT THE PRE-IB MATHS REVISION COURSES

These courses are aimed at current Year 11 students who from September 2025 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

Classes start at 09:00 each day and conclude at 16:15 on the first day of the course. The second and third days finish at 16:00.

The Pre-IB Maths course syllabus covers the same topics on both sessions.



## 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 dining hall.

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 sports centre and athletics track.



## MID-IB REVIEW AND PRE-IB MATHS REVISION COURSE DATES

### COURSE 1

Sunday 17 August - Tuesday 19 August 2025

Boarders arrive on the evening of Saturday 16 August, and depart at 16:30 on Tuesday 19 August if only taking one course.

### COURSE 2

Wednesday 20 August - Friday 22 August 2025

Boarders arrive on the evening of Tuesday 19 August; all depart on Friday 22 August 2025

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

### NON-RESIDENTIAL OPTION

3 days non-residential (Sevenoaks and non-Sevenoaks pupils) £804  
(£764 if booked and paid before 1 May 2025)

6 days non-residential (Sevenoaks and non-Sevenoaks pupils) £1514  
(£1438 if booked and paid before 1 May 2025)

### RESIDENTIAL OPTION

3 days residential (Sevenoaks pupils)	£1145	* £1088
3 days residential (non-Sevenoaks pupils)	£1375	* £1306

6 days residential (Sevenoaks pupils)	£2172	* £2063
6 days residential (non-Sevenoaks pupils)	£2593	* £2463

\* If booked and paid before 1 May 2025

In the event of cancellation before 1 July 2025, £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 2025.



## HOW TO APPLY

Please visit either the [Pre-IB Maths Revision course](#) or the [Mid-IB Summer Review course](#) for information about the courses, dates, fees and how to apply.

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 2025. Registration after 1 July will be accepted if there is space on the course; please email the course coordinator, Paul Thompson at [ibreviewsummer@sevenoaksschool.org](mailto:ibreviewsummer@sevenoaksschool.org) for the Mid-IB summer review course, and [preibmaths@sevenoaksschool.org](mailto:preibmaths@sevenoaksschool.org) for the Pre-IB maths revision course.

## 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 17 August - Tuesday 19 August). A second subject can be studied in the second three-day course (Wednesday 20 August - Friday 22 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 school's sport centre, The Sennocke Centre, 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 16:00 and 21:00 the day before your lessons start (so arrive on Saturday 16 August); and arrive on Tuesday 19 August for the second course.

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

We regret that the school will not make transport arrangements for registered 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 Dukes Meadow, the school's main 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.





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