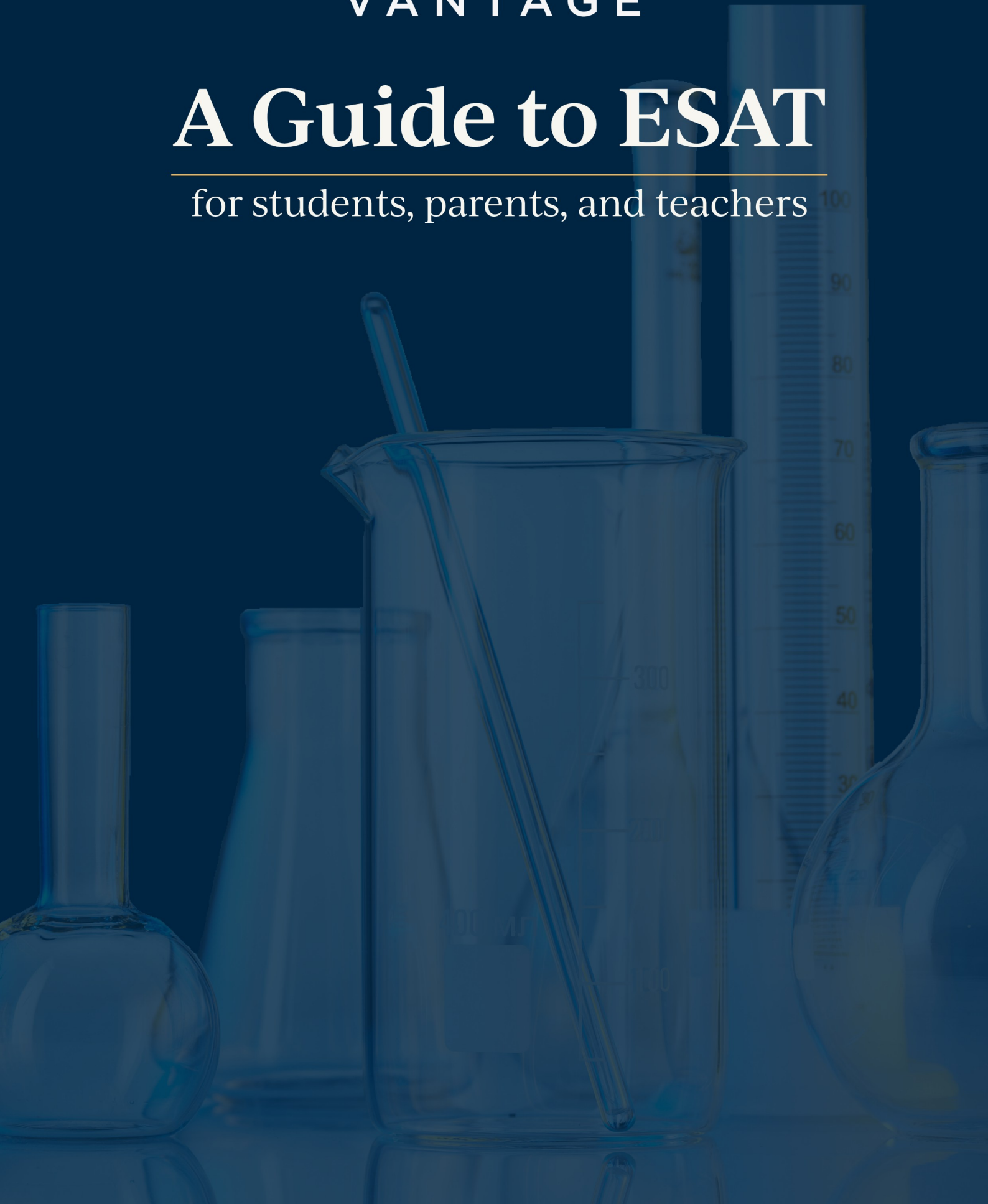




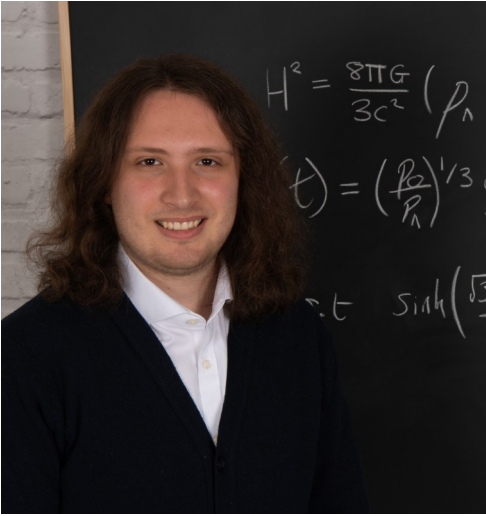
# A Guide to ESAT

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for students, parents, and teachers



# Welcome to Vantage



It is my pleasure to welcome you to Vantage, the university admissions consultancy of expert specialists.

Our bespoke programmes address each element of the university admissions process, from admissions tests such as the TMUA, ESAT and STEP, to the infamously challenging Oxbridge interviews. We pride ourselves on demystifying the intricate thought processes behind the difficult problems students are expected to tackle. Our team of Oxbridge graduates, admissions test examiners, and Oxbridge interviewers look forward to working with you.

Whether you are interested in joining one of our programmes or would just like expert advice on your preparation strategy, I would be delighted to meet you in a free 30-minute video consultation.

Rowan Wright  
Founding Director

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# About the ESAT

The ESAT was first introduced in the 2024–25 university admissions cycle. It provides an additional measure with which to assess students applying for the most competitive science and engineering degrees at British universities. The ESAT is the successor of the Engineering Admissions Assessment (ENGAA) and Natural Sciences Admissions Assessment (NSAA), which were used by the University of Cambridge from 2016–2023. The ESAT is designed to test a student’s ability to apply familiar mathematical and scientific knowledge to unfamiliar contexts and challenging problems. Students take the test *once* in the same year as their UCAS application, usually Year 13.

Students have some flexibility in their test date and location. Candidates attend a local test centre and have the option of two test sittings per admissions cycle, across five days in October and five days in January. Due to the timing of Oxbridge interviews, candidates taking the ESAT for an Oxford or Cambridge application must do so in the October sitting.

The ESAT is administered by University Admissions Tests UK (UAT-UK) and delivered at Pearson VUE test centres as an entirely computer-based test. The registration fee is £78 in the UK and Ireland, and £133 anywhere else in the world. Candidates can apply for financial assistance and access arrangements if required, but should be aware that there is an early deadline for these applications. Candidates should familiarise themselves with the information available on the UAT-UK and Pearson VUE websites regarding test bookings, payment, and all other logistical matters.

## Key Dates 2026–27

|   | October Sitting        | January Sitting      |
|---|------------------------|----------------------|
| Applications open for access arrangements and bursaries | 1st June 2026          | 5th October 2026     |
| Test booking opens                                      | 20th July 2026         | 26th October 2026    |
| Deadline for requesting access arrangements             | 14th September 2026    | 7th December 2026    |
| Deadline for requesting a bursary                       | 21st September 2026    | 14th December 2026   |
| Test booking deadline                                   | 28th September 2026    | 21st December 2026   |
| Test dates  | 12th–16th October 2026 | 4th–8th January 2027 |
| Results released  | 16th November 2026     | 8th February 2027    |



## University of Cambridge

The ESAT is compulsory for Cambridge applicants applying to the following courses:

Chemical Engineering and Biotechnology (BA)  
 Chemical Engineering and Biotechnology (MEng)  
 Engineering (BA)  
 Engineering (MEng)  
 Natural Sciences  
 Veterinary Medicine

ESAT scores will be taken into account when shortlisting candidates for interview. Interviews typically take place in late November and early December, so Cambridge applicants must take the ESAT in the October test sitting.

Performance on the ESAT is taken into account alongside all other aspects of each application: there is not a specific pass or fail mark, and candidates should aim to do the best they can. From examining the sparse data available, the average offer holder scores on the NSAA/ENGAA were in the region of 5.0–6.5, but there is considerable variation. Translating this to the scoring system used for the ESAT, Aiming to achieve approximately 5.5–6.0 or above is a good target.

Candidates may be instructed to take a specific combination of ESAT modules depending on the course they are applying for. Natural Sciences, Veterinary Medicine, and Chemical Engineering and Biotechnology applicants must take Mathematics 1 and two further modules of their choice, but Engineering applicants must take Mathematics 1, Mathematics 2, and Physics. For more information about the format of the exam, please see page 7.



## University College London

The ESAT is compulsory for students applying to study the BEng and MEng in Electronic and Electrical Engineering. Applicants are required to take Mathematics 1 and any two further modules. Note that Mechanical Engineering at UCL requires a different test called the TARA, which is also administered by UAT-UK.



## Imperial College London

The ESAT is a compulsory part of the admissions process at Imperial College London for the following courses:

### **Faculty of Engineering**

Aeronautical Engineering

Chemical Engineering

Civil Engineering

Design Engineering

Electrical and Electronic Engineering

Electrical and Electronic Engineering with Management

Electronic and Information Engineering

Mechanical Engineering

### **Department of Physics**

Physics

Physics with Theoretical Physics

### **Department of Life Sciences**

Biochemistry (including joint honours courses)

Biological Sciences (including joint honours courses)

Biotechnology (including joint honours courses)

Microbiology

Ecology and Environmental Biology

Imperial does not publish a specific ESAT score threshold, so candidates should aim to do as well as they can. A strong ESAT score may be even more important for an Imperial application than an Oxbridge application because Imperial only holds interviews in a small number of departments (including the Faculty of Engineering), and doesn't weight them as heavily in their decisions. Approximately 10% of candidates score 7.0 or higher on the ESAT, so this may be a good target score for ambitious applicants. Departmental admissions tutors assess applications holistically, taking into account each applicant's grades, reference, personal statement, admissions test scores, and interview performance (if relevant).

All Imperial applicants are instructed to take a specific combination of ESAT modules — see page 7 for more information. Imperial applicants may choose to take the ESAT in either the October or January sitting, unless they are also applying to Oxford or Cambridge.



The University of Oxford is using the ESAT for the first time in the 2026–27 admissions cycle. It is replacing Oxford’s own admissions tests (such as the PAT and BMAT) across a range of science and engineering courses. The ESAT is compulsory for:

- Biomedical Sciences
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Electrical Engineering
- Engineering Science
- Information Engineering
- Mechanical Engineering
- Physics
- Physics and Philosophy

ESAT scores will be taken into account in the interview shortlisting process. Oxford interviews take place in late November and December, so it is compulsory to take the October sitting of the ESAT for an Oxford application. Oxford have previously weighted admissions test scores very heavily in deciding which candidates to interview, so it seems likely that ESAT scores will also be heavily weighted relative to predicted grades, personal statements, and references this year.

Historically, Oxford have interviewed a fairly small proportion of applicants compared to Cambridge – in the region of 20–40% – so it is even more important to take the ESAT seriously and achieve as high a score as possible. Scores of 5.5–6.0 are likely to be high enough to receive consideration for an interview, but ambitious candidates should aim to achieve 7.0 or higher, placing them in the top 10%.

All Oxford courses require candidates to take the Mathematics 1, Mathematics 2 and Physics modules of the ESAT, with the exception of Biomedical Sciences. Biomedical Sciences applicants take Mathematics 1 and two further modules of their choice.

# ESAT Format and Content

## Test Structure

The ESAT consists of separate multiple-choice assessments, each lasting 40 minutes. The majority of candidates take three modules, but in the case of conflicting requirements for different universities, some candidates may take four. The modules are:

- Mathematics 1
- Biology
- Chemistry
- Physics
- Mathematics 2

Mathematics 1 is compulsory for all candidates, and specific combinations of the other modules may be required by the university courses applied for:

### University of Cambridge

Engineering applicants are required to take Mathematics 1, Physics, and Mathematics 2. Applicants for Natural Sciences, Veterinary Medicine and Chemical Engineering and Biotechnology take Mathematics 1 and choose two further modules.

### University College London

Electronic and Electrical Engineering applicants take Mathematics 1 and choose two further modules.

### Imperial College London

|   |   |
|---|---|
| Biochemistry<br>Biotechnology<br>Biological Sciences<br>Microbiology<br>Ecology and Environmental Biology | Mathematics 1, Chemistry, Biology       |
| Chemical Engineering  | Mathematics 1, Mathematics 2, Chemistry |
| Design Engineering  | Mathematics 1, Mathematics 2 (two only) |
| All other Engineering and Physics courses   | Mathematics 1, Mathematics 2, Physics   |

### University of Oxford

Biomedical Sciences applicants take Mathematics 1 and choose two further modules. Applicants for all other courses in Engineering and Physics are required to take Mathematics 1, Mathematics 2, and Physics.

## Which modules should I choose? Which is easiest?

As explained on the previous page, most applicants must take the ESAT modules specified for their course. Otherwise, a student's choice of ESAT modules should be informed by their A Level/IB subjects and the focus of the university course they are applying for. However, students shouldn't assume that their favourite A Level subject will be the most suitable option for ESAT: they should do 3–4 years of past papers to determine the most strategic choice. For example, students taking A Level Maths should seriously consider Mathematics 2, because Mathematics 1 is compulsory, and so preparing for Mathematics 2 will automatically help with preparation for Mathematics 1.

The difficulty of each section is entirely subjective. Arguably, Mathematics 1 is the easiest section of the exam because it only requires knowledge at GCSE level, but it is also taken by all candidates. Otherwise, the difficulty of the sections will depend on the strengths and subject knowledge of the individual.

## When do I need to choose my modules?

ESAT candidates have to declare their module choices when they register for the test. It may be an obvious choice for some students based on their A Level/IB subjects, but if a student finds it difficult to choose between two sections, it might be beneficial to start preparing both. They can see which they prefer and score more highly in. It would be wise to make a decision fairly quickly in order to maximise their preparation time.

## What is the exam platform like?

The exam will be taken on a computer at a Pearson VUE test centre. The test platform is simple to navigate: the questions are displayed on a plain screen with the answer options below, and a timer counts down for each section in the top right hand corner. The number of answers varies from question to question, so it might be necessary to scroll down to view all the possible answers. It is possible to navigate between the questions using the 'Navigate' button at the bottom of the screen, and 'flag' questions to return to later.

Engineering and Science Admissions Test (ESAT) Time Remaining 35:02

[Explain Answer](#) [Flag for Review](#) [Color Scheme](#)

The right-angled triangle shown has horizontal and vertical sides measuring  $(4 + \sqrt{2})$  cm and  $(2 - \sqrt{2})$  cm respectively.

[diagram not to scale]

What is the area of the triangle in  $\text{cm}^2$  ?

- $(5 + 3\sqrt{2})$
- $(3 - \sqrt{2})$
- $(3 + 3\sqrt{2})$
- $(5 - \sqrt{2})$

**Navigator** - select a question to go to it

|             |            |
|-------------|------------|
| Question 3  | Complete   |
| Question 4  | Complete   |
| Question 5  | Complete   |
| Question 6  | Incomplete |
| Question 7  | Complete   |
| Question 8  | Unseen     |
| Question 9  | Unseen     |
| Question 10 | Unseen     |

21 Unseen/Incomplete [Close](#)

[End Exam](#) [Previous](#) [Navigator](#) [Next](#)

## How should I manage my time?

The ESAT lasts 2 hours in total (for most candidates), with 40 minutes for each section. It is important to note that the sections are timed individually, so any time left over in one section does not roll over to the next.

The exam is designed to be challenging and time-pressured: with 27 questions in each question, there is an average of only 90 seconds to answer each question. Therefore, we advise students to practise in timed conditions as much as possible.

| Total duration | Time per section | Questions per section | Time per question  |
|----------------|------------------|-----------------------|--------------------|
| 2 hours        | 40 minutes       | 27                    | Approx. 90 seconds |

## Exam Content

The ESAT specification is available to view on the UAT-UK website, [linked here](#) (2026-27 specification pending). Candidates should work through the specification thoroughly to ensure they are familiar with all of the required content.

- Mathematics 1 requires knowledge equivalent to GCSE Mathematics.
- Biology, Chemistry, and Physics are roughly equivalent to GCSE level with a small amount of AS level/first year A level content.
- Mathematics 2 is similar to AS level/first year A level Mathematics.

Rather than testing knowledge beyond the A Level syllabus, the challenge of the ESAT is the style of questions, which requires use and application of knowledge. In addition to a secure command of the content, candidates need to have strong problem-solving and comprehension skills. The test is designed to be challenging for even the best candidates, so it is important for students to practise as many admissions test style questions as possible. For our recommended ESAT preparation strategy, see page 12.

# Exam Technique

The ESAT is unlike typical GCSE or A Level exams. In practical terms, the ESAT is entirely computer-based, so students will need to familiarise themselves with the exam platform. The multiple-choice format and time pressure also increase the difficulty, so students should aim to improve their exam technique through lots of timed practice.

## Timing

- You have 40 minutes to complete 27 questions in each section of the test, which gives an average of 90 seconds per question. It would be wise to be strict in not exceeding 2 minutes per question, because the difficulty of questions can be difficult to judge at first glance.
- Running out of time and leaving some questions unattempted may amount to missing out on easier marks. One of the most common causes of underperformance on admissions tests is when candidates sink too much time into one question rather than moving on.

## Advice on Multiple-Choice Format

- Final scores are calculated from the number of correct answers given, and marks are not deducted for incorrect answers. Therefore, it is worth making a sensible guess rather than leaving questions unanswered.
- Examiners are fiendishly good at predicting common mistakes and will include the result of these mistakes among the given options. The multiple-choice format should not cause you to be lulled into a false sense of security about calculations.
- As in any multiple-choice exam, it can be useful to proceed by elimination of the wrong answers. It can also be useful to narrow down the options by eliminating the obviously incorrect answers, especially if guessing the answer to a difficult question.

## Strategy

- The test platform allows students to navigate between any question of the section. It also allows students to flag questions for review if they would like to return to them later. However, it is a waste of time to browse the questions. We suggest working through every question in order first, flagging any incomplete or difficult questions to return to at the end. After attempting all 27 questions, use the remaining time to return to the flagged questions to have a second attempt.

- There are no method marks available because the test is multiple choice. However, it is still advisable to note down your workings for each question carefully, in order to check your answers thoroughly. It is not feasible to leave time at the end of the test for checking your answers, so you should check as you work through. Writing workings is for your own benefit.



# Preparing for the ESAT

The best time to start preparing for the ESAT is after AS Level or Year 12 exams. The test takes place soon after returning to school or college in the Autumn term, so students should aim to take advantage of any spare time over the summer holiday.

Each student's preparation strategy will depend on when they begin and the number of hours per week available for study. The content of the test will vary considerably from student to student, depending on their chosen test sections, so preparation strategies will be individual. We suggest following this outline.

## 1. Memorisation



It is worth doing this **as soon as possible**, to help with past paper practice.

There is a significant amount of content to memorise for the ESAT because a formula booklet is not provided. All students should work through the ESAT specification point by point, taking note of the required formulae and ensuring that they are familiar with all of the required content. This is especially important because some of the content won't have been revisited by students since GCSE level, such as circle theorems and some aspects of thermal physics. GCSE and A Level textbooks, revision guides, or notes from school are reliable resources for this.

Students tend to become dependent on their calculator during A Level courses, but the ESAT is a non-calculator exam, so students taking any combination of sections should strive to become less reliant on their calculator. It is surprisingly beneficial to re-familiarise yourself with aspects of non-calculator arithmetic, such as methods for multiplying large numbers quickly and accurately. It is also very helpful to memorise the following:

- Times tables up to 15
- Square numbers up to  $20^2$
- Cube numbers up to  $10^3$

Aside from the fact that you might need to know e.g.  $18^2$  as part of a computation, *spotting* that something is itself a square or cube number can itself be very helpful, and is only possible if you have memorised the first few squares and cubes.

There is also a heavy emphasis on manipulating orders of magnitude and units—far more than in A level questions—so it is strongly recommended to dedicate some time to practising this.



## 2. Test-Specific Resources



Our ESAT Primer Course takes ~45-55 hours to study.

### How can I benefit from using resources designed specifically for admissions tests?

All students can benefit from using some test-specific resources during their ESAT preparation, ideally before attempting past papers. It allows students to encounter problem solving concepts and techniques in a 'neutral' setting first, and avoid associating them with a particular question type or topic. A further benefit is that a good taught programme will pre-empt challenges that haven't appeared in previous papers, but are likely to appear in future. Although the ESAT tests A Level knowledge, there is a 'shadow syllabus' of exam-specific ideas that prominently feature. Some taught resources will help students to become familiar with these ideas.

### Which resources should I use?

UAT-UK provides a good set of notes with examples and practice questions for every module of the test, called the [ESAT Guide](#). They are comprehensive and very long, so we recommend using them only for revision of specific topics and to fill knowledge gaps. It is important to note that the examples and questions are generally straightforward and do not reflect the style of real ESAT questions, so don't rely on them as practice questions.

Although it isn't tailored to the ESAT, the [Oxford Maths Admissions Test Livestream](#) is a good entry-level course and may be of some use to students taking Mathematics 2. It covers revision of some key topics, in addition to TMUA question walkthroughs.

Many popular maths admissions test resources are of a poor quality and mass-produced by undergraduate students (or even AI), but '[STEP, MAT, TMUA: Skills for Success in University Admissions Tests for Mathematics](#)', published by Hachette Learning, may be useful for students preparing for Mathematics 2. It is a good option for students who have a limited access to paid resources and may be available to borrow from libraries.

At Vantage Admissions, we provide extensive, exam-specific resources through our ESAT Programme. The **ESAT Primer Course** is a course of 14 lessons, designed to give students the strongest possible foundations for their ESAT preparation. The course was authored by specialist tutor and mathematical physicist Rowan Wright, and specialises in the Mathematics 1, Mathematics 2, and Physics modules. Each lesson is approximately two hours long in video form (comprehensive notes are also provided) and provides a thorough, systematic introduction to themes and concepts that frequently recur in ESAT questions. A comprehensive worksheet accompanies each lesson, which students should complete to ensure mastery of the content and exposure to the full range of tricks that can be required. To learn more about our ESAT Programme, please see page 17.

### 3. Past Papers



Allow ~4 hours of study per paper. Students should aim to complete as many as possible.

There are two sets of ESAT practice materials available, released on the Pearson VUE website. We recommend saving these to take in timed conditions, shortly before the exam. They are most valuable as a way for students to become familiar with the computer-based test platform. The practice tests are taken from past papers of the **NSAA or ENGAA**.

The NSAA and ENGAA preceded the ESAT, being used in science and engineering admissions from 2016 to 2023. They are the most relevant and useful practice materials available. The formats of the NSAA and ENGAA have changed several times, but there are many multiple-choice questions to practise, in addition to some questions requiring extended answers. Students using the resources on the UAT-UK website will notice that some questions have been crossed out: this is because the NSAA and ENGAA specifications were broader than the ESAT specification, particularly in the advanced physics sections. However, the questions build transferrable skills so should still be used for ESAT preparation.

Students should carefully plan how they will use the practice materials. They should determine how many hours they have available for study, work out how many years of papers they have time to complete, then start with the oldest and work towards the most recent.

It is also very important to note that there is significant repetition of mathematics and physics questions on the NSAA and ENGAA papers of the same year. We have produced a detailed document to set out how students should approach NSAA and ENGAA papers in order to cover every past question while avoiding any unnecessary repetition. Students should always start by completing all relevant sections of the NSAA paper, then complete the maths and physics questions that are unique to the ENGAA. Our '**ESAT Past Paper Guidance**' document provides full details and is available to download [here](#).

Those starting preparation early may begin to run out of NSAA and ENGAA materials. The Test of Mathematics for University Admission (**TMUA**) provides a large bank of additional resources for students taking Mathematics 2. We recommend alternating NSAA/ENGAA with TMUA, which will enable students to develop their mathematical problem-solving skills. All questions on TMUA Paper 1 are highly relevant to ESAT Mathematics 2.

Contrary to the typical advice, we strongly discourage students from completing past paper questions arranged by topic, because working out which 'topic' the question is based on is often part of the challenge. Completing questions by topic artificially removes this challenge and results in some of the benefit of studying the question to be lost.

## We recommend the following process when completing a past paper:

- **Timed mock examination**

Past papers should ideally be completed as a timed mock. This means practising completing all relevant sections consecutively, like in the real exam. This will help students to build stamina and become accustomed to the time pressure. This does not apply to ENGAA practice, where student only answer a small number of the questions if following our ESAT Past Paper Guidance document.

- **Second attempt**

After the timed mock, the work should be set aside for marking later on. The student should now work through the paper again, taking as long as they need to reattempt the questions they didn't solve before. This should be done without referring to the mark scheme or solutions.

- **Mark**

Once the student is satisfied that they have completed as much of the paper as possible, they should mark their timed mock using the Cambridge Assessment answer key, and work out their score. Conversion tables for NSAA and ENGAA are available on the Vantage Admissions website, which allow students to convert their raw score for each section to a score scaled from 1.0–9.0. Likewise, students supplementing with TMUA past papers should mark their work using the Cambridge Assessment mark schemes and convert their raw score to a scaled score.

- **Review**

After determining their scaled score, students should consult solutions, teachers, or friends to work out how to do the questions they couldn't complete. It's important to ensure that they understand how to 'come up with' the idea of using a certain method, rather than merely managing to follow the steps of someone else's solution.

There are very few official solutions available for the relevant ESAT practice materials. For ENGAA, explained answers are provided for the specimen papers; for NSAA, they are provided for specimen papers and the older Section 2 papers. For TMUA, no official solutions are provided. Where they are available, students often find the Cambridge Assessment worked solutions unhelpful because they don't always explain where the ideas or method have come from. If possible, students should aim to find some solutions which provide an explanation, or perhaps discuss with a teacher or friend. Our ESAT Programme includes detailed solution videos and booklets for all NSAA, ENGAA and TMUA past papers (excluding any biological science sections), which focus on how to generate ideas and think through a problem systematically

## 4. Individual Tuition



The recommended amount of tuition depends on the individual. Please book a consultation.

Many students opt to include one-to-one tuition as part of their Vantage ESAT Programme. This can provide a unique opportunity to troubleshoot doubts arising from either the ESAT Primer Course or past papers. It provides an opportunity for students to explore questions further, pursue their own interests, and – most importantly – ask questions. Further to understanding a successful solution to a problem, it is also very important for students to understand why a particular approach *didn't* work, which is uniquely well-served by one-to-one discussion. Individual discussion also builds students' confidence considerably.

$$S^2 = \sqrt{\frac{\sum_{i=1}^N (x_1 - x_2)}{N}}$$

$$c^2 = a^2 + b^2 \quad (a - b)^2 = a^2 - 2ab + b^2$$

$$\frac{a}{1 - \frac{2x}{\sqrt{x^2 + y^2}}}$$



**Book a free consultation to discuss your personalised ESAT preparation strategy.**

Book on our website, [www.vantageadmissions.co.uk](http://www.vantageadmissions.co.uk).

# Our ESAT Programme

Admissions tests are often an additional source of anxiety for students who are applying to the most competitive university courses. The tests surpass the difficulty and time pressure of students' previous exams, so having additional, expert support is highly beneficial. With a tailored preparation strategy, diligent practice, and access to excellent resources, students can reliably improve their test score

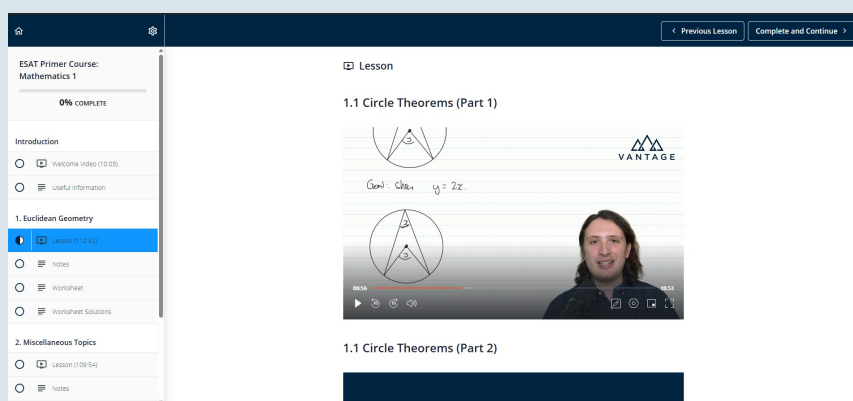
The Vantage ESAT Programme consists of **five key elements**:

## The ESAT Primer Course

The ESAT Primer Course is specialist, pre-recorded course of lessons, designed to support students taking a module combination of Mathematics 1, Mathematics 2, and Physics. Packed with crucial time-saving tricks and tips, the course helps students to answer standard ESAT question types effortlessly and avoid losing 'easy' marks. The course includes:

- **14 video lessons** which provide a systematic and thorough introduction to the key themes which arise on the ESAT. Each lesson is approximately two hours long, designed to be studied in one sitting. There are 2 lessons for Mathematics 1, 6 lessons for Mathematics 2, and 6 lessons for each for Physics.
- Full lesson notes are provided, which can be used in conjunction with the video lessons (e.g. for revision), or as an alternative if preferred.
- Each lesson has an accompanying worksheet, designed to give students complete exposure to the quirks and difficulties ESAT questions may pose. Detailed solution booklets provide a thorough analysis of each question, allowing students to gain complete mastery of the technique.

Students are encouraged to email or message the helpline when they encounter any points of confusion or have questions arising from the course. This hybrid approach, combining pre-recorded resources with on-demand support, allows students to cover far more relevant material and work at their own pace.



### **Past Paper Solutions**

Our ESAT Programme includes solution videos and booklets to all NSAA and ENGAA past papers (excluding biological sciences), which are the most relevant practice materials for the ESAT. We also provide all TMUA Paper 1 past paper solutions, which are a valuable resource for students taking Mathematics 2.

Designed and delivered by Vantage Admissions director Rowan Wright, the solutions teach students a logical approach to problem solving. Crucial insight from thousands of hours of admissions test tuition has allowed us to closely identify and address issues students typically encounter in each question. Our solutions enable students to come away from each question with a complete understanding, ready to tackle similar questions or variations on the question in future.

### **Live Workshops on Problem Solving and Exam Technique**

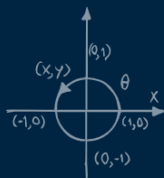
All students are invited to attend our live workshops which take place for 8 consecutive weeks during the summer holiday. The focus of the workshops alternates between ESAT exam technique and problem solving. Hosted by Rowan Wright and problem solving aficionado Carlo Scarian, these classes provide a fun change of pace from the more technical focus of our Primer Courses and the rigidity of past paper problems, instead focusing on general problem solving principles and cultivating the mindset of a mathematician.

### **Mentoring Sessions**

All Vantage Admissions students have the benefit of three mentoring sessions over the course of their exam preparation, ideally attended along with their parents/guardians. All meetings are held with our founding director and are completely tailored to the student's specific goals. The aim of these meetings is to review students' progress, address doubts or concerns, provide motivation, and create actionable plans to resolve any difficulties. Personalised mentoring helps students to stay on track for success.

### **On-Demand Support with Course Resources**

Whilst the ESAT Programme resources are available to study at any time, it is not purely a self-study course. If students encounter a point of confusion with course content, or would like to ask a question, they are encouraged to send in an email or message. Most questions can simply be addressed with an email response, but brief troubleshooting calls are also possible if needed. We endeavour to respond to all questions as quickly as possible and guarantee a response within 48 hours.



## Why choose Vantage?

Vantage exam preparation programmes have led to many students' admission to their first choice universities. Our professional team is trusted by students and dedicated to helping you achieve your academic aspirations.



### Our Expert Team

Our team consists solely of Oxbridge graduates with additional expertise as examiners, Oxbridge interviewers, undergraduate supervisors, and qualified teachers.



### Nurturing Academic Excellence

Our courses are designed not only to help you gain admission to your first-choice university, but to prepare you for academic success at elite universities.



### Bespoke Mentoring

Every Vantage student has their entire preparation strategy overseen by our founding director in regular mentoring sessions with students and their parents/guardians.



### Mathematical Focus

Our courses are composed entirely of useful mathematical content, omitting the cliché and extraneous filler content often found on the mass market.

$$\vec{u} + \vec{v} = \vec{v} + \vec{u}$$

## Our Students' Testimonials

"Rowan from Vantage is the real deal: a rare blend of being a sufficiently brilliant mathematician to have a complete, deep and intuitive grasp on the difficult problems set in STEP, but also a great teacher who is able to explain the thought process in a way students can understand."

*Parent of a **STEP student** who was admitted to read Mathematics at Cambridge after achieving 1 in STEP II and S in STEP III,*



"Vantage was incredibly helpful for my MAT prep. The explanatory course materials are comprehensive and clear, providing several distinct ways of looking at any one problem, to make sure that you really get it. As past examiners, Rowan and the team also have great insight into how questions are constructed and what the examiners really expect."

***MAT student** who was admitted to study Computer Science at Brasenose College, Oxford, after achieving 82% on the MAT*

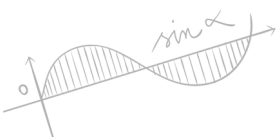
$$S^2 = \sqrt{\frac{\sum_{i=1}^n (x_i - x_2)^2}{N}}$$

Rowan is an incredible tutor! My son was underperforming when doing TMUA past papers, and was struggling to understand the Cambridge solutions. As soon as he started sessions with Rowan, my son picked up several essential exam techniques and thoroughly understood the questions. This resulted in him seeing a drastic increase in his score. Rowan was able to provide my son with shortcuts to difficult questions that would make them easy. I would highly recommend Vantage to any student preparing for an admissions test. Rowan is truly one of a kind!"

*Parent of a **TMUA student** who achieved 9.0 and received admission to King's College Cambridge to read Computer Science*

"Vantage played a pivotal role in my Oxford application success. The Primer Courses for both the MAT and interview were exceptionally beneficial, offering extensive content that went beyond the scope of A-levels but proved crucial for success in the specific challenges of the Oxford admissions process. Rowan's quick and thorough assistance provided clarity whenever I faced uncertainties, contributing significantly to my confidence throughout the application journey."

***MAT student** who received an Oxford offer in January 2024*





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