8 December 2025

Term 1 Indigo JC 2 H2 Math Welcome Letter

Dear Parents and Students,

Welcome to a brand-new term at Indigo. We're excited to partner you in JC 2 H2 Math this year and to help you turn effort into real, measurable progress. This letter gives you a clear overview of what to expect in Term 1, the support available, and the important dates and links you'll need. Please keep this letter handy as a guide for Term 1.

Make the most of your H2 Math lessons

JC2 H2 Mathematics demands deeper understanding, tighter connections across topics, and stronger exam skills than JC1. Problems become multi-step, abstract, and application-based, requiring students to integrate concepts from Year 1 and new JC2 topics. Success hinges on consistency, discipline, and strategic revision.

1. Stay Disciplined with Weekly Notes and Assignments

JC2 topics such as Maclaurin series, complex numbers, hypothesis testing, differential equations, and advanced calculus build directly on JC1 foundations. Weekly notes are designed to reinforce earlier learning while preparing students for exam-style applications. Since not all questions are done in class, students must complete the remaining ones at home and check solutions on the LMS. Falling behind leads to rapid content gaps as topics move quickly.

2. Understand What Changes in JC2 Mathematics

JC2 places stronger emphasis on:

- **Application & reasoning:**
  Questions combine multiple topics (e.g., complex numbers + functions, statistics + sequences, vectors + parametric equations).
- **Linking concepts:**
  Students must connect ideas such as calculus and graphs, trigonometry and complex numbers, or integration and modelling.
- **Precision in communication:**
  Clear working, correct notation, and logical explanation become essential for marks.
- **Speed & decision-making:**
  Both papers are 3 hours long; success requires fast, accurate methods and the ability to choose the right approach under time pressure.

3. Review In-Class Examples Before Tutorials

Tutorial questions introduce new twists but rely on concepts taught in class. Students should redo examples independently, identify tricky steps, and revise key JC1 content where necessary (e.g., functions, logs, AP/GP, trigonometry). This is especially important for heavy topics like advanced calculus, 3D vectors, probability distributions, hypothesis testing, and differential equations.

4. Practise Consistently and Strategically

From Term 1–2, students must shift from "learning" to mastery. Topical question sets organised by difficulty, concept, and exam-type behaviour help students target weaknesses precisely (e.g., integration by parts, plane equations, composite functions). These sets draw from recent prelims, ensuring alignment with modern A-Level standards. Practising by concept strengthens fundamental skills that integrated exam questions repeatedly draw upon.

5. Strengthen Exam Techniques Throughout the Year

Beyond content mastery, students must develop:

- **Time management:** Know how long to spend on each question and when to move on.
- **Error detection:** Quickly catch sign and algebraic mistakes.
- **Pattern recognition:** Many A-Level questions follow common structures (e.g., "show that…", use substitution, deduce series, find a perpendicular foot).
- **Effective GC usage:** Check integrals, roots, maxima/minima, integer constraints, regression, and distributions. Efficient GC use saves significant time and reduces careless errors.

6. Build Habits That Lead to A-Level Success

Students should revise weekly, maintain clear summary sheets, consolidate both JC1 and JC2 topics regularly, ask questions early, correct mistakes immediately, and start timed practices from Term 3. JC2 Math is demanding but manageable with consistent effort and strong habits.

Overall, success in JC2 H2 Mathematics comes from disciplined practice, deep conceptual understanding, and strong exam techniques—not memorisation. With steady work, every student can make meaningful progress toward A-Level readiness.

JC 2 Math Indigo Term Calendar

Term	Start Date	End Date
1	8 December 2025	12 April 2026
2	13 April 2026	19 July 2026
3	20 July 2026	1 November 2026

Key points to note

Indigo Mobile Phone Policy

- No using of mobile phones unless the tutor has asked you to do so. All mobile phones must be in students' bags at all times. The tutor has the right to confiscate the phones if they are used without permission.

Online Options during the March, June, and September Holidays

- We understand that many of you will have holiday plans yet still want to keep up with the demands of the Junior College syllabus. To support you, we've arranged live online lessons during the holidays so you can stay on track, revise consistently, and continue attending class without disruption, wherever you are. Details will be shared via community chats and LMS nearing the holidays.

Booster Lessons

As students enters Year 2 and move closer to the national exams, the demands of the syllabus increase sharply. To support them through this crucial phase, we have arranged additional booster lessons to strengthen foundations, close learning gaps, and ensure full coverage of key topics, so they can sit for their exams with confidence and clarity.

JC 1 H2 Math

Term / Week	Start Date	Regular lessons	Booster Lesson	Purpose
1	8 December	✓		
2	15 December	✓		
3	22 December	✓		
4	29 December	✓		
5	5 January	✓		
6	12 January	✓		
7	19 January	✓		
8	26 January	✓		
9	2 February	✓		
10	9 February	✓		
11	16 February	✓		
12	23 February	✓		
13	2 March	✓		
14	9 March	✓		
15	16 March	✓	✓	Prep for Common Test (March Hol)
16	23 March	✓		
17	30 March	✓	✓	Prep for Mid-Year Exams
18	6 April	✓		

For the exact timeslots of additional lessons,
please refer to https://indigo.com.sg/booster-replacement-lessons/.

Checklist for a good head start

Please make sure you go through this checklist, so you are aware of all the additional services we have put in place for you in order for you to be consistent and steady in Math.

Service	What is it	Link	Check it off!
Indigo App	• Download the Indigo Mobile App • Turn on notifications • Get the latest updates on events, free notes and resources. • Check your bill, infinite rewards • Check your attendance • Book a within the week replacement lesson • Make a permanent class transfer • Book your booster lessons Password protected. If you do not have it, please contact Indigo front desk at 6634 2208.	Google Playstore Click here App Store Click here Guide Click Here	
Learning Management Portal (LMS)	Get access to • Videos and notes of your missed lessons • Accompanying answers for workbooks and weekly notes • Additional teaching videos provided for your home revision and exams • Receive your Math marked test scripts here Password Protected. If you do not have it, please contact Indigo front desk at 6634 2208.	Click here	

WhatsApp Community Group	Parents and students will receive a weekly summary of the coverage in class and what can be done at home to reinforce that week's lesson. Update on term test, return of term test, class cancellation and special information will be through this platform If you are not added to the community chat, please contact Indigo front desk at 6634 2208.		
Video on Demand	Make a request for on-demand video lessons if you are unable to make it for class. Each lesson cycle begins on Monday and ends on Sunday	 Click here	
Principal Strategy Seminar	Attend the Principal's Strategy Seminar for your level to understand the "big picture" of the system, plan your next steps wisely, and avoid wasting effort on the wrong things. Refer to the list of seminar here: https://indigo.com.sg/special-programmes/seminars-webinars/	 Click here	
Consultation	Book a consultation with our teachers to clarify your doubts before the next in-class session.	 Click here	

Access +	As enrolled students of Indigo, you get access to • Study space (Bring up to 2 friends each visit) • Additional notes/ masterclasses where appropriate • Replays of important lesson as revision for upcoming tests and exams The schedule for access+ will be uploaded monthly for your planning in the Indigo App		

Our schedule of events and lessons is carefully planned to help you navigate the rigour smoothly without clashing with other Indigo subjects. Please refer to the latest Indigo timetable and subject offerings here: https://indigo.com.sg/timetable/

Click Here

If you'd like a fully coordinated timetable with minimal disruption and no overlaps, we encourage you to consider our other subject offerings as well. By coming on board for a full suite of subjects, you'll:

- Enjoy our Power Pack discount, and
- Benefit from a smooth, well-planned schedule across all your classes.

Let us partner with you on your learning journey as you take your next step into Junior College in 2026. May 2026 be a positive transformative year where you will see your grades improve by leaps and bounds! Wishing you every success in your academic life!

Warmest regards,
The Indigo Team