Higher Nucleus Learning Studio

GENERAL PAPER June 2025 Class timetable

(Schedule for all subjects is correct as at 23rd Apr 2025)

Teacher: Mr Nicholas Lim

Physical & Online lessons available

J2 Bishan **Sat 11.30 – 1.30pm**

Lesson	Topic	Date and Time	Remarks
1	**Paper 1** Politics The arts & Humanities	4 June Wed 10-1 pm	**Revision** Overview of Selected Topics
2	**Paper 1** Environment	7 June Sat 11.30-1.30 pm	
3	**Paper 2** Comprehension Questions Support / Undermine Summary Question	11 June Wed 10-1 pm	**Revision** Overview of Comprehension Questions
4	**Paper 2** Application Question	14 June Sat 11.30-1.30 pm	
5	**Paper 1** The Arts (Entertainment)	16 June Mon 11.30-1.30 pm	Makeup for 21 June Sat 11.30-1.30 pm
6	**Paper 2** Summary Question Comprehension Questions	28 June Sat 11.30-1.30 pm	

J2 Bukit Timah **Sun 4pm – 6pm**

Lesson		Date and Time	Remarks
1	**Paper 1** Politics The arts & Humanities	5 June Tue 10-1 pm	**Revision** Overview of Selected Topics
2	**Paper 1** Environment	8 June Sun 4-6 pm	
3	**Paper 2** Comprehension Questions Support / Undermine Summary Question	10 June Tue 10-1 pm	**Revision** Overview of Comprehension Questions
4	**Paper 2** Application Question	15 June Sun 4-6 pm	
5	**Paper 1** The Arts (Entertainment)	26 June Thu 12-2 pm	Makeup for 22 June Sun 4-6 pm
6	**Paper 2** Summary Question Comprehension Questions	29 June Sun 4-6 pm	

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MATHEMATICS June 2025 Class timetable

Teacher: Mr Terence Chia

Physical & Online lessons available

There will be 6 lessons for the June revision programme. You can attend either physically or online.

JC2

J2 Bishan (RI class) (**Wed 12 – 2pm)**

Lesson	Date and Time	Remarks
Vectors I	4th June Wed 12pm	
PnC, Probability, DRV	6th June Fri 10am	
Vectors II	11th June Wed 12pm	
Complex Numbers	18th June Wed 12pm	
Applications of Differentiation	25th June Wed 12pm	
Maclaurin's and Binomial	27th June Fri 10am	

J2 Bukit Timah (**Sat 3.45pm – 5.45pm)**

Lesson	Date and Time	Remarks
Complex Numbers	7th June Sat 3.45pm	
Integration	10th June Tues 2pm	
Differential Equations	14th June Sat 3.45pm	
Applications of Differentiation	17th June Tues 2pm	
Vectors II	21st June Sat 3.45pm	
Vectors I	28th June Sat 3.45pm	

J2 Bishan (**Sun 1.30 – 3.30pm**)

Lesson	Date and Time	Remarks
Vectors II	4th June Wed 3-5pm	
Differential Equations	8th June Sun 1.30pm	
Integration	11th June Wed 3-5pm	
Vectors I	15th June Sun 1.30pm	
APGP and Summation	22nd June Sun 1.30pm	
Binomial and Normal Distribution	29th June Sun 1.30pm	

JC1

J1 Bishan (RI class) (**Tues 7.15–9.15pm)**

Lesson	Date and Time	Remarks
Vectors I	3rd June Tues 7.15pm	
Inequalities and SOLE	6th June Fri 1pm	
Vectors II	10th June Tues 7.15pm	
Functions II	17th June Tues 7.15pm	
Complex Numbers	24th June Tues 7.15pm	
Applications of Differentiation	27th June Fri 1pm	

J1 Bishan (**Sun 10.45 -12.45pm)**

Lesson	Date and Time	Remarks
APGP	8th June Sun 10.45am	
Graphing I	15th June Sun 10.45am	
Graphing II	18th June Wed 3-5pm	
Functions II	22nd June Sun 10.45am	
Inequalities and SOLE	25th June Wed 3-5pm	
J1 Mock paper 2	29th June Sun 10.45am	

Functions I – Basic inverse & composite functions

Functions II – Advanced inverse & composite functions

Vectors I – Abstract vectors & Lines

Vectors II – Lines and Planes

Graphing I – Transformations & conics

Graphing II – Graphing Techniques & Parametric curves

SOLE – System of Linear Equation

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CHEMISTRY June 2025 Class timetable

Teacher: Mr Low Kwee Peng

Physical & Online lessons available

JC2

J2 Bishan (**Tues 7pm – 9pm)**

Lesson	Date and Time	Topics
1	Tues 3rd June 7-9pm	Energetics and Entropy 1
2	Thurs 5th June 1-3pm	Energetics and Entropy 2
3	Tues 10th June 7-9pm	Reaction Kinetics 1
4	Thurs 12th June 1-3pm	Reaction Kinetics 2
5	Tues 17th June 7-9pm	Equilibrium 1
6	Thurs 19th June 1-3pm	Equilibrium 2
7	Tues 24th June 7-9pm	Organic Chemistry 1
8	Thurs 26th June 1-3pm	Organic Chemistry 2

J2 Bishan (RI Class) (**Thurs 6pm – 8pm)**

Lesson	Date and Time	Remarks
1	Thurs 5th June 6-8pm	Energetics and Entropy 1
2	Fri 6th June 2-4pm	Energetics and Entropy 2
3	Thurs 12th June 6-8pm	Reaction Kinetics 1
4	Fri 13th June 2-4pm	Reaction Kinetics 2
5	Thurs 19th June 6-8pm	Equilibrium 1
6	Fri 20th June 2-4pm	Equilibrium 2
7	Thurs 26th June 6-8pm	Organic Chemistry 1
8	Fri 27th June 2-4pm	Organic Chemistry 2

J2 Bishan (**Sat 10am – 12pm**)

Lesson	Date and Time	Remarks
1	Tues 3rd June 130-330pm	Equilibrium 1
2	Sat 7th June 10-12pm	Equilibrium 2
3	Tues 10th June 130-330pm	Organic Chemistry 1
4	Sat 14th June 10-12pm	Organic Chemistry 2
5	Tues 17th June 130-330pm	Reaction Kinetics 1
6	Sat 21st June 10-12pm	Reaction Kinetics 2
7	Tues 24th June 130-330pm	Energetics and Entropy 1
8	Sat 28th June 10-12pm	Energetics and Entropy 2

J2 Bishan (EJC Class) (**Sat 130pm – 330pm)**

Lesson	Date and Time	Remarks
1	Thurs 5th June 315-515pm	Reaction Kinetics 1
2	Sat 7th June 130-330pm	Reaction Kinetics 2
3	Thurs 12th June 315-515pm	Organic Chemistry 1
4	Sat 14th June 130-330pm	Organic Chemistry 2
5	Thurs 19th June 315-515pm	Energetics and Entropy 1
6	Sat 21st June 130-330pm	Energetics and Entropy 2
7	Thurs 26th June 315-515pm	Equilibrium 1
8	Sat 28th June 130-330pm	Equilibrium 2

J2 Bukit Timah (**Sun 9am – 11am)**

Lesson	Date and Time	Remarks
1	Wed 4th June 9-11am	Organic Chemistry 1
2	Sun 8th June 9-11am	Organic Chemistry 2
3	Wed 11th June 9-11am	Energetics and Entropy 1
4	Sun 15th June 9-11am	Energetics and Entropy 2
5	Wed 18th June 9-11am	Equilibrium 1
6	Sun 22nd June 9-11am	Equilibrium 2
7	Wed 25th June 9-11am	Reaction Kinetics 1
8	Sun 29th June 9-11am	Reaction Kinetics 2

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JC1

J1 Bishan **Fri (5pm – 7pm)**

Lesson	Date and Time	Topics
1	Tues 3rd June 4-6pm	Mole Concept
2	Fri 6th 5-7pm	Redox and Volumetric Analysis
3	Tues 10th June 4-6pm	Atomic Structure and Physical Periodicity
4	Fri 13th 5-7pm	The Gaseous State
5	Tues 17th June 4-6pm	Chemical Bonding 1
6	Fri 20th 5-7pm	Chemical Bonding 2
7	Tues 24th June 7-9pm	Energetics and Entropy 1
8	Fri 27th 5-7pm	Energetics and Entropy 2

J1 Bukit Timah (**Sun 1115am - 115pm)**

Lesson	Date and Time	Remarks
1	Wed 4th June 1115-115pm	Chemical Bonding 1
2	Sun 8th June 1115-115pm	Chemical Bonding 2
3	Wed 11th June 1115-115pm	Mole Concept
4	Sun 15th June 1115-115pm	Redox and Volumetric Analysis
5	Wed 18th June 1115-115pm	Energetics and Entropy 1
6	Sun 22nd June 1115-115pm	Energetics and Entropy 2
7	Wed 25th June 1115-115pm	Atomic Structure and Physical Periodicity
8	Sun 29th June 1115-115pm	The Gaseous State

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PHYSICS June 2025 Class timetable

Teacher: Mr Daniel Yeo

Physical & Online lessons available

J2 Bishan (**Sun 9am – 11am)**

Lesson	Date and Time	Remarks
1	Fri 6th June 3pm – 5pm	Thermal 1: Temperature and Ideal Gas
2	Sun 8th June 9am – 11am	Thermal 2: 1st Law of Thermodynamics
3	Fri 13th June 3pm – 5pm	Thermal 3: Specific Heat Capacities, Specific Latent Heat
4	Sun 15th June 9am – 11am	Electric Field 1 – Field strength and potential for point charge
5	Fri 20th June 3pm – 5pm	Electric Field 2 – Uniform field & integrated questions
6	Sun 22th June 9am – 11am	Kinematics
7	Fri 27th June 3pm – 5pm	Electromagnetism 1 – Flux density, Force on conductor
8	Sun 29th June 9am – 11am	Electromagnetism 2 – Force on moving charge, velocity selector

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BIOLOGY June 2025 Class timetable

Teacher: Mr Alex Xu

There will be 8 lessons for the June revision programme.

Students will attend 8 lessons but will only be billed for 6.

- 4 lessons are conducted during the regular slots (face-to-face or online).
- 4 extra lessons are online lessons (webinars), students can choose any 4 webinars (JC1/JC2).

Physical & Online lessons available, except webinar lessons.

JC1

J1 Bukit Timah **Saturday 12pm.**

Lesson	Date and Time	Remarks
Mitosis and Meiosis	Sat 7th June 12pm – 2pm	
Organization and Control of Eukaryotic Genome	Sat 14th June 12pm – 2pm	
Molecular Techniques	Sat 21st June 12pm – 2pm	
Microscopy	Sat 28th June 12pm – 2pm	

J1 Bishan **Sunday 130pm**

Lesson	Date and Time	Remarks
Mitosis and Meiosis	Sun 8th June 130pm – 330pm	
Organization and Control of Eukaryotic Genome	Sun 15th June 130pm – 330pm	
Molecular Techniques	Sun 22nd June 130pm – 330pm	
Microscopy	Sun 29th June 130pm – 330pm	

J1 Bishan **Monday 730pm**

Lesson	Date and Time	Remarks
Mitosis and Meiosis	Mon 2nd June 5pm-7pm	
Organization and Control of Eukaryotic Genome	Mon 9th June 5pm-7pm	
Molecular Techniques	Mon 16th June 5pm-7pm	
Microscopy)	Mon 23rd June 5pm-7pm	

Online Seminars **Tuesday 10am**

Lesson	Date and Time	Remarks
DNA Structure & DNA Replication	Tue 3rd June	Approx. 2.5-3hours
Transcription and Translation	Tue 10th June	Approx. 2.5-3hours
Cell Structure, Membrane Transport and Lipids	Tue 17th June	Approx. 2.5-3hours
Carbohydrates, Proteins & Enzymes	Tue 24th June	Approx. 2.5-3hours

JC2

J2 Bishan (EJC Class) **Monday 5pm**

Lesson	Date and Time	Remarks
DNA Replication, Transcription and Translation	Mon 2nd June 5pm-7pm	
Mitosis and Meiosis	Mon 9th June 5pm-7pm	
Infectious Diseases – Adaptive Immunity, Secondary Response	Mon 16th June 5pm-7pm	
Cell Signalling	Mon 23rd June 5pm-7pm	

J2 Bishan (Raffles Class) **Tuesday 630pm**

Lesson	Date and Time	Remarks
DNA Replication, Transcription and Translation	Tue 3rd June 630pm – 830pm	
Mitosis and Meiosis	Tue 10th June 630pm – 830pm	
Infectious Diseases – Adaptive Immunity, Secondary Response	Tue 17th June 630pm – 830pm	
Cell Signalling	Tue 24th June 630pm – 830pm	

J2 Bukit Timah **Saturday 9am**

Lesson	Date and Time	Remarks
DNA Replication, Transcription and Translation	Sat 7th June 9am – 11am	
Mitosis and Meiosis	Sat 14th June 9am – 11am	
Infectious Diseases – Adaptive Immunity, Secondary Response	Sat 21st June 9am – 11am	
Cell Signalling	Sat 28th June 9am – 11am	

J2 **Saturday 4pm (all ONLINE)**

Lesson	Date and Time	Remarks
DNA Replication, Transcription and Translation	Sat 7th June 4pm – 6pm	
Mitosis and Meiosis	Sat 14th June 4pm – 6pm	
Infectious Diseases – Adaptive Immunity, Secondary Response	Sat 21st June 4pm – 6pm	
Cell Signalling	Sat 28th June 4pm – 6pm	

J2 Bishan **Sunday 930am**

Lesson	Date and Time	Remarks
DNA Replication, Transcription and Translation	Sun 8th June 930am – 1130am	
Mitosis and Meiosis	Sun 15th June 930am – 1130am	
Infectious Diseases – Adaptive Immunity, Secondary Response	Sun 22nd June 930am – 1130am	
Cell Signalling	Sun 29th June 930am – 1130am	

Online Seminars **Monday 10am**

Lesson	Date and Time	Remarks
Bacteria Genetic Recombination + T4 and phage lambda replication cycle	Mon 2nd June	Approx. 2.5-3hours
Organization and Control of Eukaryotic Genome	Mon 9th June	Approx. 2.5-3hours
HIV and Influenza replication + antigenic drift and shift	Mon 16th June	Approx. 2.5-3hours
Photosynthesis and Respiration	Mon 23rd June	Approx. 2.5-3hours