Higher Nucleus Learning Studio GENERAL PAPER June 2025 Class timetable

Teacher: Mr Nicholas Lim

Physical & Online lessons available

J2 Bishan <u>Sat 11.30 – 1.30pm</u>

Lesson	Торіс	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 <u>Sun 4pm – 6pm</u>

Lesson		Date and Time	Remarks
1	Paper 1 Politics The arts & Humanities	5 June Thu 10-1 pm	Revision Overview of Selected Topics
2	Paper 1 Environment	4 June Wed 2-4 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	

Higher Nucleus Learning Studio MATHEMATICS June 2025 Class timetable

Teacher: Mr Terence Chia

Physical & Online lessons available (correct as at 3rd May 2025)

<u>JC2</u>

J2 Bishan (RI class) (Wed 12 – 2pm)

Lesson	Date and Time	Remarks
Vectors I	4 th June Wed 12pm	
PnC, Probability, DRV	6 th June Fri 10am	
Vectors II	11 th June Wed 12pm	
Integration	18 th June Wed 12pm	
Differential Equations	25 th June Wed 12pm	
APGP and Summation	27 th June Fri 10am	

J2 Bukit Timah (<u>Sat 3.45pm – 5.45pm)</u>

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

J2 Bishan (Sun 1.30 – 3.30pm)

Lesson	Date and Time	Remarks
Vectors II	4 th June Wed 3-5pm	
Differential Equations	8 th June Sun 1.30pm	
Integration	11 th June Wed 3-5pm	
Vectors I	15 th June Sun 1.30pm	
Applications of	22 nd June Sun 1.30pm	
Differentiation		
Complex Numbers	29 th June Sun 1.30pm	

There will be $\underline{6}$ lessons for the June revision programme. You can attend either physically or online.

<u>JC1</u>

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

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

J1 Bishan (<u>Sun 10.45 -12.45pm)</u>

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

Higher Nucleus Learning Studio CHEMISTRY June 2025 Class timetable

Teacher: Mr Low Kwee Peng

Physical & Online lessons available

<u>JC2</u>

J2 Bishan (Tues 7pm – 9pm) Lesson Date and Time Topics Tues 3rd June Energetics and Entropy 1 1 7-9pm 2 Thurs 5th June Energetics and Entropy 2 1-3pm Tues 10th June 3 **Reaction Kinetics 1** 7-9pm 4 Thurs 12th June **Reaction Kinetics 2** 1-3pm 5 Tues 17th June Equilibrium 1 7-<u>9</u>pm Thurs 19th June 6 Equilibrium 2 1-3pm 7 Tues 24th June Organic Chemistry 1 7-9pm 8 Thurs 26th June Organic Chemistry 2 1-3pm

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

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

J2 Bishan (<u>Sat 10am – 12pm</u>)

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

J2 Bishan (EJC Class) (Sat 130pm - 330pm)

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

J2 Bukit Timah (<u>Sun 9am – 11am)</u>

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

<u>JC1</u>

J1 Bishan Fri<u>(5pm – 7pm)</u>

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

J1 Bukit Timah (<u>Sun 1115am - 115pm)</u>

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

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

Higher Nucleus Learning Studio BIOLOGY June 2025 Class timetable

Teacher: Mr Alex Xu

There will be <u>8</u> 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.

<u>JC1</u>

J1 Bukit Timah <u>Saturday 12pm.</u>

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

J1 Bishan <u>Sunday 130pm</u>

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

J1 Bishan Monday 730pm

Lesson	Date and Time	Remarks
Mitosis and Meiosis	Mon 2 nd June	
	4pm – 6pm	
Organization and Control	Mon 9 th June	
of Eukaryotic Genome	4pm – 6pm	
Molecular Techniques	Mon 16 th June	
	5pm – 7pm	
Microscopy	Mon 23 rd June	
	4pm – 6pm	

Online Seminars Tuesday 10am

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

<u>JC2</u>

J2 Bishan (EJC Class) Monday 5pm

Lesson	Date and Time	Remarks
DNA Replication, Transcription	Tue 3 rd June	
and Translation	4pm – 6pm	
Mitosis and Meiosis	Tue 10 th June	
	4pm – 6pm	
Infectious Diseases – Adaptive	Tue 17 th June	
Immunity, Secondary Response	4pm – 6pm	
Cell Signalling	Tue 24 th June	
	4pm – 6pm	

J2 Bishan (Raffles Class) Tuesday 630pm

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

J2 Bukit Timah Saturday 9am

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

J2 Saturday 4.30pm (all ONLINE)

Lesson	Date and Time	Remarks
DNA Replication, Transcription	Sat 7 th June	
and Translation	430pm – 630pm	
Mitosis and Meiosis	Sat 14 th June	
	430pm – 630pm	
Infectious Diseases – Adaptive	Sat 21 st June	
Immunity, Secondary Response	430pm – 630pm	
Cell Signalling	Sat 28 th June	
	430pm – 630pm	

J2 Bishan Sunday 930am

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

Online Seminars Monday 10am

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