

Secondary Physics and Maths

2017

Term 1	IP / Sec 3		IP / Sec 4	
	Physics	Maths	Physics	Maths
Week 1 (2-8 Jan)	Measurement L1	Quadratic Functions L1	Static Electricity Revision L1	Trigonometry L1
Week 2 (9-15 Jan)	Measurement L2	Quadratic Functions L2	Static Electricity Revision L2	Differentiation L1
Week 3 (16-22 Jan)	Mass Weight Density L1	Quadratic Functions L3	COE L1	Differentiation L2
Week 4 (23-29 Jan)	NA	NA	NA	NA
Week 5 (30 Jan- 5 Feb)	Kinematics L1	Surds L1	COE L2	Differentiation L3
Week 6 (6-12 Feb)	Kinematics L2	Polynomials L1	COE L3	Nature of Function L1
Week 7 (13-19 Feb)	Kinematics L3	Polynomials L2	DC L1	Maxima Minima L1
Week 8 (20-26 Feb)	Dynamics L1	Polynomials L3	DC L2	Rate of Change L1
Week 9 (27 Feb- 5 March)	Dynamics L2	Partial Fractions L1	Practical Electricity L1	Differentiation of Other Functions L1
Week 10 (6-12 March)	Dynamics L3	Exponential Functions L1	Practical Electricity L2	Differentiation of Other Functions L2

March Holiday	Sec 3		Sec 4	
	Physics	Maths	Physics	Maths
Week 1 (13 – 19 March)	Moments L1	Logarithmic Functions L1	Practical Electricity L3	Rate of Change L1
Week 2 (13 – 19 March)	NA	NA	Electricity Integrated Questions	Maxima Minima L1

All classes are by default 2 hours (\$50).

**Special rate for workshop, unless stated otherwise.

Term 2	Sec 3		Sec 4	
	Physics	Maths	Physics	Maths
Week 1 (20 – 26 Mar)	Moments L2	Logarithmic Functions L2	Magnetism L1	Vectors L1
Week 2 (27 Mar – 2 Apr)	Measurement & Kinematics Revision (**3hrs, \$100)	Coordinate Geometry L1 (**3hrs, \$100)	Electromagnetism L1	Vectors L2
Week 3 (3 – 9 Apr)	Dynamics Revision (**3hrs, \$100)	Quadratic Functions Revision (**3hrs, \$100)	Electromagnetism L2	Integration L1
Week 4 (10 – 16 Apr)	Moments Revision (**3hrs, \$100)	Exponentials and Logarithmic Functions Revision (**3hrs, \$100)	Electricity Revision L1	Integration L2
Week 5 (17 – 23 Apr)	MYE Revision L1 (**3hrs, \$100)	Polynomial Revision (**3hrs, \$100)	Electricity MYE Revision L2	MYE Revision L1
Week 6 (24 – 30 Apr)	MYE Revision L2	MYE Revision L1	MYE Overall Revision L1	MYE Revision L2
Week 7 (1 – 7 May)	WEP L1	Binomial Theorem L1	EMI L1	Area Under Graphs L1
Week 8 (8 – 14 May)	WEP L2	Binomial Theorem L2	EMI L2	Area Under Graphs L2
Week 9 (15 – 21 May)	Heat Transfer L1	Linear Law L1	EMI L3	Kinematics L1
Week 10 (22 – 28 May)	NA (Term Break)	NA (Term Break)	NA (Term Break)	NA (Term Break)

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June Holiday	Sec 3		Sec 4	
	Physics	Maths	Physics	Maths
Week 1 (29 May – 4 June)	Pressure L1	(EM) Properties of Circles	Kinematics/ Measurement (**4hrs lesson, \$100)	Indices (**4hrs lesson, \$100)
Week 2 (5 June –11 June)	Pressure L2	(AM) Equation of Circles	Measurement/ Dynamics/ Mass, Weight & Density (**4hrs lesson, \$100)	Quadratic Functions (**4hrs lesson, \$100)
Week 3 (12 June –18 June)	Pressure L3	(EM) Trigonometry	Moment/ WEP (**4hrs lesson, \$100)	Linear Law (**4hrs lesson, \$100)
Week 4 (19 – 25 Apr)	Kinetic Model	Trigonometry	Pressure/ Kinetic Model (**4hrs lesson, \$100)	Binomial Theorem (**4hrs lesson, \$100)

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Term 3	Sec 3		Sec 4	
	Physics	Maths	Physics	Maths
Week 1 (26 Jun – 2 Jul)	Thermal Physics L1	(EM) Circular Measure L1	Thermal Physics Last Lap	Sketching of Graphs L1
Week 2 (3 Jul – 9 Jul)	Thermal Physics L2	Trigonometric Ratio L1	Heat Transfer Last Lap	Plane Geometry L1
Week 3 (10 Jul – 16 Jul)	Thermal Physics L3	Trigo Equations L1	Wave, EM Wave and Sound Last Lap	Trigo L1
Week 4 (17 Jul – 23 Jul)	Wave Motion L1	Trigo Identities L1	Light Last Lap L1	Trigo L2
Week 5 (24 Jul – 30 Jul)	Light L1	Trigo Identities L2	Light Last Lap L2	Trigo Graph L1
Week 6 (30 Jul – 6 Aug)	Light L2	Trigonometry L1	Static Electricity Last Lap L1	Techniques of Differentiation L1
Week 7 (7 Aug – 13 Aug)	Light L3	Further Trigonometry L1	COE, DC Last Lap L1	Application of Differentiation L1
Week 8 (14 Aug – 20 Aug)	Pressure Revision L1	Trigo Graph Sketching L1	COE, DC Last Lap L2	Application of Differentiation L2
Week 9 (21 Aug – 27 Aug)	Pressure Revision L2	Binomial Theorem L1	COE, DC Last Lap L3	Integration L1
Week 10 (28 Aug – 3 Sep)	Thermal Revision L1	Coordinate Geo/ Equations of Circles L1	Magnetism & EM Last Lap L1	Area Under Graph L1
SEP HOL 1 (4 – 10 Sep)	Mechanics Overall Revision L1 (**3 hrs lesson, \$100)	Polynomials, Partial Fractions, Quadratic Functions L1	EMI Last Lap L1	Apps of Integration L1
SEP HOL 2 (4 – 10 Sep)	Mechanics Overall Revision L2 (**3 hrs lesson, \$100)	Exponential Function, Log L1	EMI Last Lap L2	Overall Revision 1

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Term 4	Sec 3		Sec 4	
	Physics	Maths	Physics	Maths
Week 1 (11 – 17 Sep)	Year End Exam Overall Revision 1	Trigonometry Revision 1	The Last Lap Revision 1	The Last Lap Revision 1
Week 2 (18 – 24 Sep)	Year End Exam Overall Revision 2	Year End Exam Overall Revision 1	The Last Lap Revision 2	The Last Lap Revision 2
Week 3 (25 Sep – 1 Oct)	Year End Exam Overall Revision 3	Year End Exam Overall Revision 2	The Last Lap Revision 3	The Last Lap Revision 3
Week 4 (2 – 8 Oct)	Year End Exam Overall Revision 4	Year End Exam Overall Revision 3	The Last Lap Revision 4	The Last Lap Revision 4
Week 5 (9 – 15 Oct)	Term Break (NA)	Term Break (NA)	The Last Lap Revision 5	The Last Lap Revision 5
Week 6 (16 – 22 Oct)	Term Break (NA)	Term Break (NA)	The Last Lap Revision 6	The Last Lap Revision 6
Week 7 (23 – 29 Oct)	Wave L1	Trigo R-Formula L1	Lesson End (NA)	Lesson End (NA)
Week 8 (30 Oct – 5 Nov)	Wave L2	Trigo Graphs L1	Lesson End (NA)	Lesson End (NA)
Week 9 (6 – 12 Nov)	Sound Waves L1	Trigo Overview L1	Lesson End (NA)	Lesson End (NA)
Week 10 (13 – 19 Nov)	Static Electricity L1	Differentiation L1	Lesson End (NA)	Lesson End (NA)
Week 11 (20 – 27 Nov)			Lesson End (NA)	Lesson End (NA)

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