

# JC Physics and Maths Timetable

# 2017

Term 1	JC1		JC2	
	Physics	Maths	Physics	Maths
<b>Week 1</b> (2-8 Jan)	Term Break (NA)	Term Break (NA)	SHM Revision L1	2016 A-Level Paper Analysis
<b>Week 2</b> (9-15 Jan)	Term Break (NA)	Term Break (NA)	Wave Superposition Revision L1	Techniques of Integration Revision
<b>Week 3</b> (16-22 Jan)	Term Break (NA)	Term Break (NA)	Wave Superposition Revision L2	Definite Integral Revision
<b>Week 4</b> (23-29 Jan)	Term Break (NA)	Term Break (NA)	NA	NA
<b>Week 5</b> (30 Jan- 5 Feb)	Term Break (NA)	Term Break (NA)	Wave Superposition Revision L3	Differential Equations Revision
<b>Week 6</b> (6-12 Feb)	Measurement & Uncertainty L1	Inequalities L1	E.field Revision L1	Vectors L1
<b>Week 7</b> (13-19 Feb)	Measurement & Uncertainty L2	SLE L1	E.field Revision L2	Vectors L2
<b>Week 8</b> (20-26 Feb)	Measurement & Uncertainty L3	Graphing Techniques L1	Electromagnetism L1	Vectors L3
<b>Week 9</b> (27 Feb- 5 March)	Kinematics L1	Graphing Techniques L2	Electromagnetism L2	Complex Number L1
<b>Week 10</b> (6-12 March)	Kinematics L2	Graphing Techniques L3	Electromagnetism L3	Complex Number L2

March Holiday	JC1		JC2	
	Physics	Maths	Physics	Maths
<b>Week 1</b> (13 – 19 March)	Kinematics L3	Graphing Techniques L4	E.field Crash Course (for Mar CT) (**3hrs, \$100)	Calculus Crash Course (**3hrs, \$100)
<b>Week 2</b> (13 – 19 March)	Term Break (NA)	Term Break (NA)	Electromagnetism Crash Course (for Mar CT) (**3hrs, \$100)	Vectors Crash Course (**3hrs, \$100)

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Term 2	JC1		JC2	
	Physics	Maths	Physics	Maths
<b>Week 1</b> (20 – 26 Mar)	Forces L1	Functions L1	EMI L1	Permutation and Combination L1
<b>Week 2</b> (27 Mar – 2 Apr)	Forces L2	Function L2	EMI L2	Probability L1
<b>Week 3</b> (3 – 9 Apr)	Dynamics L1	Functions L3	Alternating Current	Discrete Random Variables L1
<b>Week 4</b> (10 – 16 Apr)	Dynamics L2	*Complex Numbers L1 (RI Only) or Application of Differentiation L1	Quantum Physics L1	Binomial Distribution L1
<b>Week 5</b> (17 – 23 Apr)	WEP L1	*Complex Numbers L2 (RI Only) or Techniques of Differentiation L2	Quantum Physics L2	Normal Distribution L1
<b>Week 6</b> (24 – 30 Apr)	WEP L2	*Complex Numbers L3 (RI Only) or Application of Differentiation L2	Quantum Physics L3	Sampling Distribution L1
<b>Week 7</b> (1 – 7 May)	Circular	APGP (Class A) or Vectors 1 (Class B)	Quantum Physics L4	Hypothesis Testing L1
<b>Week 8</b> (8 – 14 May)	Gravitation L1	Summation & MoD (Class A) or Vectors 2 (Class B)	Nuclear Physics L1	Hypothesis Testing L2
<b>Week 9</b> (15 – 21 May)	Gravitation L2	Summation Revision (Class A) or Vectors 3 (Class B)	Nuclear Physics L2	Correlation and Regression L1
<b>Week 10</b> (22 – 28 May)	Gravitation L3	Inequalities & Equations revision	Nuclear Physics L3	Correlation and Regression L2

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June Holiday	JC1		JC2	
	Physics	Maths	Physics	Maths
<b>Week 1 (29 May – 4 June)</b>	Kinematics Revision (**4hrs lesson, \$100)	Graphing Techniques (**4hrs lesson, \$100)	Thermal/Forces Signature Workshop (**4hrs lesson, \$100)	Differentiation and Integration Signature Workshop (**4hrs lesson, \$100)
<b>Week 2 (29 May – 4 June)</b>	Forces Revision (**4hrs lesson, \$100)	Graphing Techniques and Functions (**4hrs lesson, \$100)	Measurement/ Dynamics/ Kinematics Signature Workshop (**4hrs lesson, \$100)	Differentiation Equations/ APGP Signature Workshop (**4hrs lesson, \$100)
<b>Week 3 (5 – 11 June)</b>	Dynamics Revision (**4hrs lesson, \$100)	Applications of Differentiation (**4hrs lesson, \$100)	WEP/ Gravitation/ Circular Motion Signature Workshop (**4hrs lesson, \$100)	Vectors Signature Workshop (**4hrs lesson, \$100)
<b>Week 4 (5 – 11 June)</b>	WEP Revision (**4hrs lesson, \$100)	Vectors or APGP (**4hrs lesson, \$100)	SHM/Wave Superposition Signature Workshop (**4hrs lesson, \$100)	Complex Numbers/ P&C and Probability Signature Workshop (**4hrs lesson, \$100)
<b>Week 5 (12 – 18 June)</b>	<b>Term Break (NA)</b>	<b>Term Break (NA)</b>	Electric Field / COE Signature Workshop (**4hrs lesson, \$100)	<b>Term Break (NA)</b>
<b>Week 6 (12 – 18 June)</b>	<b>Term Break (NA)</b>	<b>Term Break (NA)</b>	EM/ EMI Signature Workshop (**4hrs lesson, \$100)	<b>Term Break (NA)</b>
<b>Week 7 (19 – 25 June)</b>	<b>Term Break (NA)</b>	<b>Term Break (NA)</b>	Quantum Physics Signature Workshop (**4hrs lesson, \$100)	<b>Term Break (NA)</b>

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Term 3	JC1		JC2	
	Physics	Maths	Physics	Maths
<b>Week 1 (26 Jun – 2 Jul)</b>	<b>Term Break (NA)</b>	<b>Term Break (NA)</b>	<b>Term Break (NA)</b>	<b>Term Break (NA)</b>
<b>Week 2 (3 – 9 Jul)</b>	SHM L1	Techniques of Integration L1	SHM Are you A'ready	Graphing Techniques L1
<b>Week 3 (10 – 16 Jul)</b>	SHM L2	Techniques of Integration L2	Wave L1 Are you A'ready	Inequalities & Equations L1
<b>Week 4 (17 – 23 Jul)</b>	Wave Motion L1	Application of Integration L1	Wave L2 Are you A'ready	Functions L1
<b>Week 5 (24 – 30 Jul)</b>	Wave Motion L2	Applications of Integration L2	Gravitation L1 Are you A'ready	Pure Maths L1
<b>Week 6 (31 Jul – 6 Aug)</b>	Circular Motion Revision	Series Expansion L1	Electric Field L1 Are you A'ready	P&C and Probability L1
<b>Week 7 (7 – 13 Aug)</b>	Gravitation Revision L1	Series Expansion L2	Electric Field L2 Are you A'ready	Discrete Random Variables & Distribution L1
<b>Week 8 (14 – 20 Aug)</b>	Gravitation Revision L2	Inequalities L1	Data Analysis Are you A'ready	Sampling and Hypothesis L1
<b>Week 9 (21 – 27 Aug)</b>	*Superposition (Double Slit) OR Thermal L1	*Series and Sequences L1 OR Differential Equations L1	Electricity Are you A'ready	Linear Regression & Correlation L1
<b>Week 10 (28 Aug – 3 Sep)</b>	* Superposition (Diffraction Grating) OR Thermal L2	*Differentiation L1 OR Differential Equations 2 L1	EMI L1 Are you A'ready	Statistic L1
<b>SEP HOL 1 (4 – 10 Sep)</b>	Mechanics Workshop (**6 hours, \$150)			
<b>SEP HOL 2 (4 – 10 Sep)</b>	*Superposition (Single Slit and Resolution) OR Thermo L3	*Integration OR Vectors 1	EMI L2 Are you A'ready	Overall Revision 1

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Term 4	JC1		JC2	
	Physics	Maths	Physics	Maths
<b>Week 1 (11 – 17 Sep)</b>	* Superposition (Stationary Wave) OR Electric Field L1	*Functions OR Vectors 2	Thermodynamics Are you A'ready (**3 hours, \$100)	Overall Revision 2
<b>Week 2 (18 – 24 Sep)</b>	* Simple Harmonic Motion (Revision) OR Electric Field L2	Graphing Techniques OR Complex Numbers	Quantum Are you A'ready (**3 hours, \$100)	Overall Revision 3
<b>Week 3 (25 Sep – 1 Oct)</b>	<b>Term Break (NA)</b>	<b>Term Break (NA)</b>	Nuclear Physics Are you A'ready (**3 hours, \$100)	Overall Revision 4
<b>Week 4 (2 – 8 Oct)</b>	<b>Term Break (NA)</b>	<b>Term Break (NA)</b>	Final Lap Revision 1 Are you A'ready (**3 hours, \$100)	Overall Revision 5
<b>Week 5 (9 – 15 Oct)</b>	*Superposition (Double Slit) OR Thermal L1	Differential Equations L1	Final Lap Revision 2 Are you A'ready (**3 hours, \$100)	Overall Revision 6 (**3 hours, \$100)
<b>Week 6 (16 – 22 Oct)</b>	*Superposition (Diffraction Grating) OR Thermal L2	Differential Equations L2	Final Lap Revision 3 Are you A'ready (**3 hours, \$100)	Overall Revision 7 (**3 hours, \$100)
<b>Week 7 (23 – 29 Oct)</b>	*Superposition (Single Slit) OR Thermo L3	Vectors L1	Final Lap Revision 4 Are you A'ready (**3 hours, \$100)	Overall Revision 8 (**3 hours, \$100)
<b>Week 8 (30 Oct – 5 Nov)</b>	*Superposition (Stationary Wave) OR Electric Field L1	Vectors L2	The Finale Are you A'ready (**3 hours, \$100)	Overall Revision 9 (**3 hours, \$100)
<b>Week 9 (6 – 12 Nov)</b>	* Simple Harmonic Motion Last Lap OR Electric Field L2	Vectors L3	<b>Lesson End (NA)</b>	<b>Lesson End (NA)</b>

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Nov Workshop	JC1		JC2	
	Physics	Maths	Physics	Maths
<b>Lesson 1</b> <b>(14 – 19 Nov)</b>	Kinematics Revision (**3 hours, \$100)	Graphing Techniques Revision (**3 hours, \$100)	NA	NA
<b>Lesson 2</b> <b>(14 – 19 Nov)</b>	Forces Revision (**3 hours, \$100)	Functions, Series & Sequences (**3 hours, \$100)	NA	NA
<b>Lesson 3</b> <b>(14 – 19 Nov)</b>	Dynamics Revision (**3 hours, \$100)		NA	NA
<b>Lesson 4</b> <b>(14 – 19 Nov)</b>	WEP Revision (**3 hours, \$100)		NA	NA
<b>Lesson 5</b> <b>(20 – 26 Nov)</b>			NA	NA
<b>Lesson 6</b> <b>(20 – 26 Nov)</b>			NA	NA
<b>Week 7</b> <b>(20 – 26 Nov)</b>			NA	NA

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