

# IB Eng A LAL P1 월수금

담당강사 레이첼,로지,린



## [DP Y1-2 ENGLISH A P1] Syllabus\_MWF

Day	In Class	Weekly Exam
WEEK 1		
1	Intro to Paper 1 Literary devices and authorial choices	
2	Rhetorical devices Speech 분석	
3	Opinion column 분석	Weekly Test 1
WEEK 2		
4	Blog post	
5	Scientific article 분석	
6	Travel writing 분석	Weekly Test 2
WEEK 3		
7	Visual devices, layout and composition Photographs 분석	
8	Advertisement 분석	
9	Charity appeal 분석	Weekly Test 3
WEEK 4		
10	Infographic 분석	
11	Graphic novel 분석	
12	Cartoons and comic strips 분석	Weekly Test 4
Note	■ Mock Exam은 없습니다.	

# IB Eng A LAL P1 화목

담당강사 린

안녕하세요, Lyn입니다.  
학사는 물론, 석사와 박사과정 또한 영문학을 거쳐왔으며  
강사소개 언제나 학생들이 영문학을 보다 더 친근감 있게 느낄 수  
있도록 교육에 임하고 있습니다. 영문학과 에세이 라이팅  
에는 전문성이 있으며, 학생이 영어 공부를 통해 성장해  
나가는 과정을 동행하겠습니다.

## [DP Y1-2 ENGLISH A P1] Syllabus\_TT

Day	In Class	Assignment	Weekly Exam
WEEK 1			
1	Intro to Paper 1 Literary devices and authorial choices		
2	Rhetorical devices Speech 분석		Weekly Test 1
WEEK 2			
3	Opinion column 분석	Writing Assignment 1 Due	
4	Blog post 분석		Weekly Test 2
WEEK 3			
5	Visual devices, layout and composition Advertisement 분석	Writing Assignment 2 Due	
6	Charity appeal 분석		Weekly Test 3
WEEK 4			
7	Infographic 분석	Writing Assignment 3 Due	
8	Cartoons and comic strips 분석		Weekly Test 4
Note	■ Mock Exam은 없습니다.		

# IB MATH AA HL Y2

담당강사 Brian



강사소개  
 여러분 반갑습니다. Brian입니다.  
 막연히 천천히 준비해도 될 것이라고, 또 여러 가지 기회가 미래에 있을 것이라는 생각은 잠시 접어두시기 바랍니다. 나름의 동기가 있다면 더할 나위 없이 좋겠지만, 그렇지 않다고 해도 어차피 해야 하는 공부라면 자신이 할 수 있는 최선을 다하십시오. 저도 최선을 다해 최고의 수업을 하겠습니다.

## 로얄아이비 26 여름특강 1차 [DP Y2 AA HL] Syllabus

Day	In Class	Assignment	Weekly Exam
WEEK 1			
DAY 1	Ch.11 Integral calculus 5 integral methods Areas and volume of revolution	Exercise 11.7 Exercise 11.8 Exercise 11.9	
DAY 2	Ch.12 Complex numbers Theme 12.1 Complex numbers Theme 12.2 Complex plane	Exercise 12.1 Exercise 12.2	
DAY 3	Theme 12.2 Complex plane	Exercise 12.2	
DAY 4	Theme 12.2 Complex plane	Exercise 12.2	
DAY 5	Theme 12.2 Complex plane	Exercise 12.2	
WEEK 2			
DAY 6	Theme 12.3 Complex roots	Exercise 12.3	
DAY 7	Theme 12.3 Complex roots	-	Weekly Exam 1 Ch.11-12
DAY 8	Ch.13 Vectors Theme 13.1 Vector operations Theme 13.2 Vector expressions Theme 13.3 Dot product	Exercise 13.1 Exercise 13.2 Exercise 13.3	
DAY 9	Theme 13.4 Cross product Theme 13.5 Linear vector	Exercise 13.4 Exercise 13.5	
DAY 10	Theme 13.4 Cross product Theme 13.5 Linear vector	-	
WEEK 3			
DAY 11	Theme 13.6 Plane vector	Exercise 13.6	
DAY 12	Theme 13.6 Plane vector	Exercise 13.6	
DAY 13	Theme 13.6 Plane vector	-	Weekly Exam 2 Ch.13
DAY 14	Ch.14 Further calculus Theme 14.1 ODE Theme 14.2 Separable ODE	Exercise 14.1 Exercise 14.2	
DAY 15	Theme 14.3 Reduction to separable ODE Theme 14.4 Exact ODE and integrating factor	Exercise 14.3 Exercise 14.4	
WEEK 4			
DAY 16	Theme 14.5 Euler's method	Exercise 14.5	
DAY 17	Theme 14.6 Power series	Exercise 14.6	
DAY 18	Theme 14.6 Power series	-	Weekly Exam 3 Ch.14
DAY 19	Ch.15 Statistics Theme 15.1 Data Theme 15.2 Central tendency Theme 15.3 Measurement of dispersion Theme 15.4 Sensitivity Theme 15.5 GDC for univariate statistics	Exercise 15.2 Exercise 15.3 Exercise 15.4 Exercise 15.5	
DAY 20	Theme 15.6 Bivariate statistics Ch.16 Probability Theme 16.1 Counting principles Theme 16.2 Probability calculations	-	
Note	■ Mock Exam은 없습니다.		

# IB Math AA SL Y2

담당강사 James Hong

강사소개

안녕하세요, 제임스입니다. 천체물리학 학사와 데이터 과학 석사 과정을 거치며, 7년간 IB/AP 과정을 지도하였습니다. 각 학생의 학문적 성취와 성장을 책임지는 것에 큰 자부심을 느끼며, 학생들이 목표를 달성할 수 있도록 전념합니다.



## 로얄아이비 26 여름특강 MATH AA SL\_Y2 Syllabus

Day	In Class	Assignment	Weekly Exam
WEEK 1			
1	Topic 3 - Geometry and Trigonometry 3.1: Three-dimensional geometry 3.2: Triangles - sine and cosine rules 3.3: Applications in 3D geometry - Navigation	HW 1	
2	3.4: The trigonometric circle - arcs and sectors 3.5: sin, cos, tan on the unit circle - identities	HW 2	
3	3.6: Trigonometric equations 3.7: Trigonometric functions	HW 3	
4	Topic 4 - Statistics and probability 4.1: Basic concepts of statistics 4.2: Measures of central tendency and spread	HW 4	
5	4.3: Frequency tables - grouped data	HW 5	Exam 1
WEEK 2			
6	Exam solutions 4.4: Regression	HW 6	
7	4.5: Elementary set theory 4.6: Probability 4.7: Conditional probability - independent events	HW 7	
8	4.8: Tree diagrams 4.9: Discrete distributions in general	HW 8	
9	4.10: Binomial distribution 4.11: Normal distribution	HW 9	
10	4.11: Normal distribution (cont.)	HW 10	Exam 2
WEEK 3			
11	Exam solutions Topic 5 - Calculus 5.1: The limit - A rough idea of the derivative, $f'(x)$	HW 11	
12	5.2: Derivatives of known functions (power rule, product rule, quotient rule)	HW 12	
13	5.3: The chain rule	HW 13	
14	5.4: Tangent and normal lines at a point 5.5: Monotony - Maximum and minimum of functions	HW 14	
15	5.6: Concavity - points of inflexion	HW 15	Exam 3
WEEK 4			
16	Exam solutions 5.7: The graph of $f(x)$	HW 16	
17	5.8: Optimization	HW 17	
18	Mock exam review	HW18	
19	5.9: The indefinite integral	HW 19	Exam 4 (Final Exam)
20	Mock exam solutions		
Note	■ Mock Exam은 없습니다.		

# IB Math AI HL Y2

담당강사 James Hong

강사소개 안녕하세요, 제임스입니다. 천체물리학 학사와 데이터 과학 석사 과정을 거치며, 7년간 IB/AP 과정을 지도하였습니다. 각 학생의 학문적 성취와 성장을 책임지는 것에 큰 자부심을 느끼며, 학생들이 목표를 달성할 수 있도록 전념합니다.



## 로얄아이비 26 여름특강 MATH AI HL\_Y 2 Syllabus

Day	In Class	Assignment	Weekly Exam
WEEK 1			
1	Topic 3A - Trigonometry (Review on trig identities and the unit circle) 3A.5: The trigonometric circle 3A.6: The unit circle	HW 1	
2	Topic 1B - Complex numbers, matrices 1B.1: Complex numbers - basic operations 1B.2: The complex plane	HW 2	
3	1B.3: Products, quotients, and powers in polar form 1B.4: Adding sinusoidal functions	HW 3	
4	1B.5: Definition of a matrix - matrix operations 1B.6: The determinant and the inverse of a matrix 1B.7: Matrix equations - the linear system $AX=B$	HW 4	
5	1B.8: Transformation matrices 1B.9: Eigenvalues and eigenvectors	HW 5	Exam 1
WEEK 2			
6	Exam solutions 1B.9: Eigenvalues and eigenvectors (cont.)	HW 6	
7	Topic 3B - Vectors, graph theory 3B.1: Vectors - geometric representation 3B.2: Vectors - algebraic representation 3B.3: Scalar/dot product and angle between vectors	HW 7	
8	3B.4: Vector equation of a line in 2D 3B.5: Vector equation of a line in 3D	HW 8	
9	3B.5: Vector equation of a line in 3D (cont.) 3B.6: Vector/cross product	HW 9	
10	3B.7: Introduction to graph theory	HW 10	Exam 2
WEEK 3			
11	Exam solutions 3B.8: Trees and spanning trees	HW 11	
12	3B.9: Eulerian graphs 3B.10: Hamiltonian graphs	HW 12	
13	Topic 5A - Differential calculus 5A.1: Introduction to differential calculus - the limit of $f(x)$ 5A.2: Derivatives of known functions (power rule, product rule, quotient rule)	HW 13	
14	5A.3: The chain rule 5A.4: Tangent and normal lines at a point	HW 14	
15	5A.5: Monotony - maximum and minimum of functions 5A.6: Concavity - points of inflexion	HW 15	Exam 3
WEEK 4			
16	Exam solutions 5A.8: Optimization 5A.9: Related rates	HW 16	
17	Topic 5B - Integral calculus 5B.1: The indefinite integral 5B.2: The definite integral	HW 17	
18	Mock exam review 5B.3: Area between curves	HW18	
19	5B.3: Area between curves (cont.) 5B.4: Trapezoidal rule	HW 19	Exam 4 (Final Exam)
20	Mock exam solutions 5B.5: More integrals		
Note	■ Mock Exam은 없습니다.		

# IB Chemistry HL/SL Y2

담당강사 **Dr. Park**

길 가면 문과생도 이과생 만드는 IB Chemistry RunningMate, Dr. Park  
 현) 로얄아이비 IB 화학/생물 대표 강사  
 전) 강남 소재 국제고등학교 교사

강사소개

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 HKUST Biochemistry & Cell Biology 학사



## 로얄아이비 26 여름특강 [DP Y2 Chemistry HL] Syllabus

Day	In Class (매 수업 5분 복습 test로 시작)	Assignment	Weekly Exam
WEEK 1 (Acids and bases)			
DAY 1	Theme: Acids and bases - Part 1 R3. What are the mechanisms of chemical change? R 3.1.1 - 3.1.7, 3.1.9, 3.2.4, 3.4.6 - 3.4.7 Proton transfer reactions	Diagnostic exam (개강 전 제출) Acids and bases - Part 1	
DAY 2	Theme: Acids and bases - Part 2 (Titration) Data-based questions (Paper 1B)	Acids and bases - Part 2	
DAY 3	Theme: Acids and bases - Part 3 (1)* <b>HL전용</b> R3. What are the mechanisms of chemical change? R 3.1.10 - 3.1.11, 3.1.12 Proton transfer reactions [AHL] (1)	Acids and bases - Part 3 (1)	
DAY 4	Theme: Acids and bases - Part 3 (2)* <b>HL전용</b> R3. What are the mechanisms of chemical change? R 3.1.16 - 3.1.17, 3.1.8, 3.1.13 - 3.1.15 Proton transfer reactions [AHL] (2)	Acids and bases - Part 3 (2)	
DAY 5	Theme: Acids and bases - Advanced questions* <b>HL전용</b>	Acids and bases - Advanced questions	Weekly Exam 1 R3.1
WEEK 2 (Redox)			
DAY 6	Theme: Redox - Part 1 R3. What are the mechanisms of chemical change? R3.2.1 - 3.2.4 Electron transfer reactions	Redox - Part 1	
DAY 7	Theme: Redox - Part 2 (1) R3. What are the mechanisms of chemical change? R3.2.5 - 3.2.8 Electron transfer reactions	Redox - Part 2 (1)	
DAY 8	Theme: Redox - Part 3 (Titration) <b>HL전용</b> Data-based questions (Paper 1B)	Redox - Part 3	
DAY 9	Theme: Redox - Part 2 (2)* <b>HL전용</b> R3. What are the mechanisms of chemical change? R3.2.12 - 3.2.14 Electron transfer reactions [AHL]	Redox - Part 2 (2)	
DAY 10	Theme: Redox - Part 2 (3)* & Advanced questions <b>HL전용</b> R3. What are the mechanisms of chemical change? R3.2.15 - 3.2.16 Electron transfer reactions [AHL]	Redox - Part 2 (3) Acids and bases - Advanced questions	Weekly Exam 2 R3.2
WEEK 3 (Organic chemistry)			
DAY 11	Theme: Organic chemistry - Part 1 R3. What are the mechanisms of chemical change? S3.2.1 - 3.2.4 Functional groups: Classification of organic compounds	Organic chemistry - Part 1	
DAY 12	Theme: Organic chemistry - Part 2 R3. What are the mechanisms of chemical change? S3.2.5 - 3.2.6 IUPAC nomenclature & structural isomer	Organic chemistry - Part 2	
DAY 13	Theme: Organic chemistry - Part 3 R3. What are the mechanisms of chemical change? R3.3.1 - 3.3.3, R3.4.3 - 3.4.5, R3.2.11, S2.4.4 - 2.4.5 Reactions of alkanes & alkenes R3.4.1 - 3.4.2 Reactions of halogenoalkanes R3.2.9 - 3.2.10 Oxidation and reduction of alcohols	Organic chemistry - Part 3	
DAY 14	Theme: Organic chemistry - Part 4* <b>HL전용</b> R3. What are the mechanisms of chemical change? R3.2.7 Stereoisomers [AHL] R3.4.11 - 3.4.12 Reactions of alkenes [AHL]	Organic chemistry - Part 4	
DAY 15	Theme: Organic chemistry - Part 5* <b>HL전용</b> R3. What are the mechanisms of chemical change? R3.4.9 - 3.4.10 Reactions of halogenoalkanes [AHL]	Organic chemistry - Part 5	Mock Test Week 1-3 Cumulative
WEEK 4 (Organic chemistry and Practice: advanced & data-based questions)			
DAY 16	Theme: Organic chemistry - Part 6* <b>HL전용</b> R3. What are the mechanisms of chemical change? R3.4.13, Reaction of benzene [AHL]	Organic chemistry - Part 6	
DAY 17	Theme: Organic chemistry - Part 7* <b>HL전용</b> R3. What are the mechanisms of chemical change? R3.4.13 Reaction of benzene [AHL] S2.4.6 Condensation polymers [AHL]	Organic chemistry - Part 7	
DAY 18	Theme: Organic chemistry - Advanced questions* <b>HL전용</b>	Organic chemistry - Advanced questions	
DAY 19	Theme: Structure - Advanced questions* <b>HL전용</b> Assorted topics from S1-S2	Structure - Advanced questions	
DAY 20	Theme: Reactivity - Advanced questions* <b>HL전용</b> Assorted topics from R1-R2	Reactivity - Advanced questions	Weekly Exam 3 Week 1-4 Cumulative
Note	■ Mock Test는 3주차 토요일(1차 7/4, 2차 8/1)에 진행됩니다. * HL Topic 포함		

# IB Chemistry SL Y1+Y2

담당강사 Dr. Park

킬 가던 문과생도 이과생 만드는 IB Chemistry RunningMate, Dr. Park  
 현) 로얄아이비 IB 화학/생물 대표 강사  
 전) 강남 소재 국제고등학교 교사

강사소개

학력  
 KAIST 공학 박사 (Nature 자매지 포함 SCI 논문 4편 게재)  
 HKUST Biochemistry & Cell Biology 학사



## 로얄아이비 26 여름특강 [DP Y1+Y2 Chemistry SL] Syllabus

Day	In Class (매 수업 5분 복습 test로 시작)	Assignment	Weekly Exam
WEEK 1 (Atomic Structure & Periodic Trend)			
DAY 1	Theme: Atomic structure - Part 1 S1. Models of the particulate nature of matter S1.1 Introduction to the particulate nature of matter S1.2 The nuclear atom	<b>Diagnostic exam (개강 전 제출)</b> Atomic structure - Part 1	
DAY 2	Theme: Atomic structure - Part 2 S1. Models of the particulate nature of matter S1.3 Electron configurations	Atomic structure - Part 2	
DAY 3	Theme: Periodic trend - Part 1 S3. Classification of matter S3.1.1-3.1.2 The periodic table - Part 1	Periodic trend - Part 1	
DAY 4	Theme: Periodic trend - Part 2 (1) S3. Classification of matter S3.1.3-3.1.6 The periodic table - Part 2	Periodic trend - Part 2 (1)	
DAY 5	Theme: Periodic trend - Part 2 (2) S3. Classification of matter S3.1.3-3.1.6 The periodic table - Part 2	Periodic trend - Part 2 (2)	<b>Weekly Exam 1</b> S1.1-1.3, S3.1
WEEK 2 (Moles, Ideal Gas Law & Stoichiometric calculations)			
DAY 6	Theme: Moles - Part 1 S1. Models of the particulate nature of matter S1.4.1-1.4.4 Counting particles by mass: The mole	Moles - Part 1	
DAY 7	Theme: Moles - Part 2 S1. Models of the particulate nature of matter S1.4.5-1.4.6 Counting particles by mass: The mole	Moles - Part 2	
DAY 8	Theme: Ideal gas model S1. Models of the particulate nature of matter S1.5 Ideal gases	Ideal gas model	
DAY 9	Theme: Stoichiometry - Part 1 (Basics) R2. How much, how fast and how far? R2.1 How much? The amount of chemical change	Stoichiometry - Part 1	
DAY 10	Theme: Stoichiometry - Part 2 (Advanced) R2. How much, how fast and how far? R2.1 How much? The amount of chemical change	Stoichiometry - Part 2	<b>Weekly Exam 2</b> S1.4-1.5, S2.1
WEEK 3 (Chemical Bonding)			
DAY 11	Theme: Bonding - Part 1 & 2 (Ionic & Metallic bond) S2. Models of bonding and structure S2.1 The ionic model S2.3, 2.4.3 The metallic model	Bonding - Part 1 & 2	
DAY 12	Theme: Bonding - Part 3 (Covalent bond - 1) S2. Models of bonding and structure S2.2.1-2.2.3 The covalent model (Lewis structure)	Bonding - Part 3 (1)	
DAY 13	Theme: Bonding - Part 3 (Covalent bond - 2) S2. Models of bonding and structure S2.2.4, 2.2.13 The covalent model (VSEPR)	Bonding - Part 3 (2)	
DAY 14	Theme: Bonding - Part 3 (Covalent bond - 3) S2. Models of bonding and structure S2.2.5-2.2.6 The covalent model (Bond polarity)	Bonding - Part 3 (3)	
DAY 15	Theme: Bonding - Part 3 & 4 (Covalent bond - 4 & IMF) S2. Models of bonding and structure S2.4.1-2.4.2 Bonding continuum S2.2.7 The covalent model (Covalent network structures) S2.2.8-2.2.9 The covalent model (IMF)	Bonding - Part 3 (4) & 4	<b>Mock Test</b> Week 1-3 Cumulative
WEEK 4 (Practice: advanced & data-based questions)			
DAY 16	Theme: All about bondings	All about bondings	
DAY 17	Theme: Calculation - Part 1 Stoichiometry	Calculation - Part 1	
DAY 18	Theme: Experiment & Data Analysis (for Paper 1B) - Part 1 Crucible experiment & Titration	Experiment & Data Analysis - Part 1	
DAY 19	Theme: Calculation - Part 2 Combustion analysis & Ideal gas law	Calculation - Part 2	
DAY 20	Theme: Experiment & Data Analysis (for Paper 1B) - Part 2 Standard solution preparation & Chromatography	Experiment & Data Analysis - Part 2	<b>Weekly Exam 3</b> Week 1-4 Cumulative
Note	■ Mock Test는 3주차 토요일(1차 7/4, 2차 8/1)에 진행됩니다.		

# IB Physics SL/HL (A반) Y2

담당강사 **Jack**

안녕하세요, 책임니다.

학교별 커리큘럼은 보통 1학년 2학기부터 달라지기 시작하며, 이에 따라 DP2 반은 각 학교 실리버스에 맞춘 두 개의 반으로 운영됩니다.  
DP2 BC 반은 Topic C (Waves)와 Topic D (Fields)을 중심으로 학습하는 반입니다.

강사소개

- ✓ Waves의 핵심: 정상파·간섭·회절 개념을 정확히 정리하고, 그래프와 실전 문제에 적용하는 훈련을 합니다.
- ✓ Fields의 핵심: 전기장·중력장·자기장의 구조를 이해하고, 함-에너지·전위 개념을 문제에 연결하는 사고력을 기릅니다.

이번 여름 특강에서는 각 토픽의 핵심 개념을 체계적으로 정리하고, 실전 문제 풀이까지 함께 진행하여 여러분이 DP2를 성공적으로 시작할 수 있도록 돕는 수업입니다.



## 로얄아이비 26 여름특강 [DP Y2 Physics A반] Syllabus

Day	In Class	Assignment	Due date	Weekly Exam
WEEK 1				
DAY 1	Topic C.2 : Wave Model (SL+HL) Topic C.3 : Wave Phenomena C.3.1 : Reflection and Refraction	C.2 002 C.3.1 002	6/16	
DAY 2	Topic C.3 : Wave Phenomena (SL+HL) C.3.2 : Superposition and Diffraction	C.3.2 002	6/17	
DAY 3	Topic C.4 Standing Waves (SL+HL)	C.4 002	6/18	
DAY 4	Topic C HL Themes (HL only)	C.1.2 002 C.3.2 005	6/19	
DAY 5	Topic C.5 Doppler Effect (HL only)	C.5 002		Weekly Exam 1
WEEK 2				
DAY 6	Topic D.1 : Gravitational Fields (SL+HL) D.1.1 Gravitational Forces and Fields	D.1.1 002	6/23	
DAY 7	Topic D.2 : Electric Fields (SL+HL) D.2.1 Electric Forces and Fields	D.2.1 002	6/24	
DAY 8	Topic D.1 + D.2 Paper 2 Session	D P2 Problems	6/25	
DAY 9	Topic D.1 : Gravitational Fields (HL only) D.1.2 Gravitational Potential and Energy	D.1.2 002	6/26	
DAY 10	Topic D.2 : Electric Fields (HL only) D.2.2 Electric Potential and Energy	D.2.2 002		Weekly Exam 2
WEEK 3				
DAY 11	Topic B.5 : Circuits (SL+HL) B.5.1 Current & Circuits	B.5.1 001	6/30	
DAY 12	Topic B.5 : Circuits (SL+HL) B.5.2 Circuit Components	B.5.2 002	7/1	
DAY 13	Topic D.3 : Magnetic Field & Motion (SL+HL)	D.3 002	7/2	
DAY 14	Topic D.4 : Induction (HL only)	D.4 002	7/3	
DAY 15	Mock Exam Preparation Session			Mock Test
WEEK 4				
DAY 16	Topic E.1 Structure of the Atom (SL+HL)	E.1.1 002	7/7	
DAY 17	Topic E.3 Radioactive Decay (SL+HL)	E.3.1 001	7/8	
DAY 18	Topic E.3 Radioactive Decay (SL+HL)	E.3.1 002	7/9	
DAY 19	Topic E.3.2 Radioactive Decay (HL only)	E.3.2 002	7/10	
DAY 20	Weekly Exam 4		Last Day	
Note	■ Mock Test는 3주차 토요일(1차 7/4, 2차 8/1)에 진행됩니다.			

# IB Physics SL/HL (B반) Y2

담당강사 **Jack**

안녕하세요, 쌤입니다.

학교별 커리큘럼은 보통 1학년 2학기부터 달라지기 시작하며, 이에 따라 DP2 반은 각 학교 실리버스에 맞춘 두 개의 반으로 운영됩니다.  
DP2 BC 반은 Topic B(Thermal Physics)와 Topic C(Waves)을 중심으로 학습하는 반입니다.

강사소개

- ✓ Thermal Physics의 핵심: 에너지 흐름과 온도의 원리를 이해하고, 열기관·이상기체 문제까지 논리적으로 해결하는 힘을 기릅니다.
- ✓ Waves의 핵심: 정상파·간섭·회절 개념을 정확히 정리하고, 그래프와 실전 문제에 적용하는 훈련을 합니다.

이번 여름 특강에서는 각 토픽의 핵심 개념을 체계적으로 정리하고, 실전 문제 풀이까지 함께 진행하여 여러분이 DP2를 성공적으로 시작할 수 있도록 돕는 수업입니다.



## 로얄아이비 26 여름특강 [DP Y2 Physics B반] Syllabus

Day	In Class	Assignment	Due date	Weekly Exam
WEEK 1				
DAY 1	Topic C.2 : Wave Model (SL+HL) Topic C.3 : Wave Phenomena C.3.1 : Reflection and Refraction	C.2 002 C.3.1 002	6/16	
DAY 2	Topic C.3 : Wave Phenomena (SL+HL) C.3.2 : Superposition and Diffraction	C.3.2 002	6/17	
DAY 3	Topic C.4 Standing Waves (SL+HL)	C.4 002	6/18	
DAY 4	Topic C HL Themes (HL only)	C.1.2 002 C.3.2 005	6/19	
DAY 5	Topic C.5 Doppler Effect (HL only)	C.5 002		Weekly Exam 1
WEEK 2				
DAY 6	Topic B.1 : Thermal Energy Transfers (SL+HL) B.1.1 Kinetic Model	B.1 002	6/23	
DAY 7	Topic B.2 : Greenhouse Effect (SL+HL)	B.2 003	6/24	
DAY 8	Topic B.3 : Gas Laws (SL+HL)	B.3 002	6/25	
DAY 9	Topic B.4 : Thermodynamics 1 (HL only)	B.4 P2 005, 006	6/26	
DAY 10	Topic B.4 : Thermodynamics 2 (HL only)	B.4 001		Weekly Exam 2
WEEK 3				
DAY 11	Topic B.5 : Circuits (SL+HL) B.5.1 Current & Circuits	B.5.1 001	6/30	
DAY 12	Topic B.5 : Circuits (SL+HL) B.5.2 Circuit Components	B.5.2 002	7/1	
DAY 13	Topic D.3 : Magnetic Field & Motion (SL+HL)	D.3 002	7/2	
DAY 14	Topic D.4 : Induction (HL only)	D.4 002	7/3	
DAY 15	Mock Exam Preparation Session			Mock Test
WEEK 4				
DAY 16	Topic E.1 Structure of the Atom (SL+HL)	E.1.1 002	7/7	
DAY 17	Topic E.3 Radioactive Decay (SL+HL)	E.3.1 001	7/8	
DAY 18	Topic E.3 Radioactive Decay (SL+HL)	E.3.1 002	7/9	
DAY 19	Topic E.3.2 Radioactive Decay (HL only)	E.3.2 002	7/10	
DAY 20	Weekly Exam 4		Last Day	
Note	■ Mock Test는 3주차 토요일(1차 7/4, 2차 8/1)에 진행됩니다.			

# IB Economics HL/SL Y2

담당강사

## Jason

강사소개

안녕하세요 Jason입니다.  
오랫동안 학생들을 가르치면서 쌓아온 경험과 위트로 학생들이 효율적으로 공부할 수 있도록 최선을 다하여 가르치겠습니다.

강사이력

- Edinburgh Business School 석사 (MBA)  
- University of Nottingham 학사 (Applied Psychology, Management)  
- British Council certified agent & counselor (영국유학 전문 상담사 수료)

- 현 로얄아이비 경제 경영 심리 대표강사  
- IB/AP/A-LEVEL 경제/경영/심리 지도 10년 이상  
- IB 경제/경영/심리 EE, IA 지도  
- 영국 UCAS 및 진로 컨설팅



## 로얄아이비 26 여름특강 [Y2 ECON HL/SL] Syllabus

Day	In Class	Assignment	30 min	Weekly Exam
WEEK 1				
Day 1 (SL/HL)	Benefits of international trade	Unit10.1	How to answer paper 1&2	
Day 2 (SL/HL)	Type of trade protection - part 1	Unit10.2	Business cycle	
Day 3 (SL/HL)	Type of trade protection - part 2	Unit10.3	Aggregate Demand	Weekly Exam 1 10 marker
Day 4 (HL)	Market power part 1	Unit10.4	Market Power 문제풀이 (HL only)	
Day 5 (HL)	Market power part 2	Unit10.5	Keynesian Multiplier (HL only)	
WEEK 2				
Day 6 (SL/HL)	Arguments against trade protectionism	Unit11.1	Short run aggregate supply	
Day 7 (SL/HL)	Trading Bloc	Unit11.2	Monetarist vs Keynesian	
Day 8 (SL/HL)	Exchange Rates	Unit11.3	Low Inflation	Weekly Exam 2 10 marker
Day 9 (HL)	Market power part 3	Unit11.4	Money supply tools - part 1 (HL only)	
Day 10 (HL)	Market power part 4	Unit11.5	Money supply tools - part 2 (HL only)	
WEEK 3				
Day 11 (SL/HL)	Consequences of Exchange Rate	Unit12.1	Low Unemployment	
Day 12 (SL/HL)	Government Intervention in Exchange Rate	Unit12.2	Economic Growth & Inequality's	
Day 13 (SL/HL)	Balance of Payment	Unit12.3	Demand side Policy - Fiscal Policy	
Day 14 (HL)	MLC & J curve (HL only)	Unit12.4	Philips Curve (HL only)	
Day 15 (HL)	Paper 3 문제풀이	Unit12.5	Marker Power 문제풀이 (HL only)	Mock Exam (Week3 토요일)
WEEK 4				
Day 16 (SL/HL)	BOP & Exchange Rate	Unit13.1	Demand side Policy - Monetary Policy	
Day 17 (SL/HL)	Barriers (economic growth & development)	Unit13.2	Supply Side Policy - Interventionist	
Day 18 (SL/HL)	Strategies (economic growth & development)	Past Paper	Supply Side Policy - Market base	Weekly Exam 4 10 marker
Day 19 (HL)	Macroeconomics Revision & 문제풀이	Past Paper	Marker Power 문제풀이 (HL only)	
Day 20 (HL)	Paper 3 문제풀이	Unit4.5	Marker Power 문제풀이 (HL only)	
NOTE	<ul style="list-style-type: none"> <li>■ HL: 월~금(주 5회) 수업</li> <li>■ SL: 월~수(주 3회) 수업</li> <li>■ Mock Test는 3주차 토요일(1차 7/4, 2차 8/1)에 진행됩니다.</li> </ul>			

# IB Business&Management HL/SL Y2

담당강사 **Jason**

강사소개 안녕하세요 Jason입니다.  
오랫동안 학생들을 가르치면서 쌓아온 경험과 위트로 학생들이 효율적으로 공부할 수 있도록 최선을 다하여 가르치겠습니다.

강사이력

- Edinburgh Business School 석사 (MBA)
- University of Nottingham 학사 (Applied Psychology, Management )
- British Council certified agent & counselor (영국유학 전문 상담사 수료)
- 현 로얄아이비비 경제,경영,심리 대표강사
- IB/AP/A-LEVEL 경제/경영/심리 지도 10년 이상
- IB 경제/경영/심리 EE,IA 지도
- 영국 UCAS 및 진로 컨설팅



## 로얄아이비 26 여름특강 [Y2 BM HL/SL] Syllabus

Day	In Class	Assignment	30 min	Weekly Exam
WEEK 1				
Day 1 (SL/HL)	Introduction to Marketing	Unit 4.1	How to answer questions	
Day 2 (SL/HL)	Marketing Planning	Unit 4.2	Tool Kit	
Day 3 (SL/HL)	Market Research	Unit 4.3	Tool Kit	Weekly Exam 1 short answer questions
Day 4 (HL)	Sales Forecasting/ International Marketing	Unit 4.4	Tool Kit (HL)	
Day 5 (HL)	Tool Kits ( Critical Paths)	Tool Kit (HL)	Tool Kit (HL)	
WEEK 2				
Day 6 (SL/HL)	7P	Unit 4.5	Tool Kit	
Day 7 (SL/HL)	Introduction to operations management	Unit 5.1	Tool Kit	
Day 8 (SL/HL)	Operations methods	Unit 5.2	Tool Kit	Weekly Exam 2 short answer questions
Day 9 (HL)	Lean Production and quality management	Unit 5.3	Tool Kit (HL)	
Day 10 (HL)	Production planning	Unit 5.4	Tool Kit (HL)	
WEEK 3				
Day 11 (SL/HL)	Location	Unit 5.5	Paper 1	
Day 12 (SL/HL)	Break even analysis	Unit 5.6	Paper 1	
Day 13 (SL/HL)	Unit 3 revision SL	Unit 3	Paper 1	
Day 14 (HL)	Unit 3 revision HL	Unit 3	Paper 3	
Day 15 (HL)	Contingency planning	Unit 5.7	Paper 3	Mock Exam (Week3 토요일)
WEEK 4				
Day 16 (SL/HL)	Unit 1 revision part 1	Unit 1	Paper 1	
Day 17 (SL/HL)	Unit 1 revision part 2	Unit 1	Paper 1	
Day 18 (SL/HL)	Unit 2 revision part SL	Unit 2	Paper 1	Weekly Exam 4 - Finance
Day 19 (HL)	Unit 2 revision part HL	Unit 2	Paper 3	
Day 20 (HL)	R&D / Management Information system	Unit 4.5	Paper 3	
NOTE	<ul style="list-style-type: none"> <li>■ HL: 월~금(주 5회) 수업</li> <li>■ SL : 월~수(주 3회) 수업</li> <li>■ Mock Test는 3주차 토요일(1차 7/4, 2차 8/1)에 진행됩니다.</li> </ul>			

# IB ESS H+S Y2

담당강사 Jennifer

Tried, Tested & Proven: 제니퍼 과학

"어차피 해야 하는 공부라면 최선을 다하라"는 말, 교과서적인 조언처럼 들릴 수 있습니다. 하지만 20년간 수많은 제자를 고독점으로 이끌며 분명해진 것은, '제대로 된 방법'이 전제되지 않은 최선은 늘 한계가 명확하다는 사실이었습니다.

강사소개

단순히 지식을 전달하는 강사는 많지만, 학생의 취약점을 단번에 파악하고 논리적 사고의 틀을 바꿔줄 수 있는 강사는 흔치 않습니다. 현장에서 축적한 경험과 긴 시간 쌓아온 노하우를 결합해, 막연한 노력을 '확실한 성과'로 바꾸는 전략을 가르칩니다.

시험의 핵심을 꿰뚫는 안목과 학생의 성장을 이끄는 정교한 로드맵은 Jennifer만의 독보적인 자산입니다. 관록의 데이터로 증명된 압도적인 강의력을 이번 방학, 직접 경험해 보시기 바랍니다.



## 로얄아이비 26 여름특강 [DP Y2 ESS] Syllabus

Day	In Class	Assignment	Weekly Exam
WEEK 1			
DAY 1	1.2 Systems	1.2	
DAY 2	1.3 Sustainability	1.3	
DAY 3	4.1 Water Systems Response Architect Lab: Command Term & Structure Foundation	4.1	
DAY 4	4.2 Water Access, Use and Security	4.2	
DAY 5	Week 1 Test: In-Class 4.3 Aquatic Food Production Systems	N/A	Units 1 - 4.2
WEEK 2			
DAY 6	Week 1 Test Review 4.3 Aquatic Food Production Systems	4.3	
DAY 7	4.4 Water Pollution Case Study Analysis	4.4	
DAY 8	Scientific Fluency Check I 5.1 Soil Response Architect Lab: Quantitative Data & Trends	5.1	
DAY 9	5.2 Agriculture and Food	5.2	
DAY 10	Week 2 Test: In-Class 2.3 Biogeochemical Cycles	N/A	Units 1 - 5
WEEK 3			
DAY 11	Week 2 Test Review 6.1 Introduction to the Atmosphere	6.1	
DAY 12	6.2 Climate Change - Causes and Impacts Response Architect Lab: 4-mark & 7-mark Questions	6.2	
DAY 13	Scientific Fluency Check II 6.3 Climate Change - Mitigation and Adaptation	6.3	
DAY 14	Week 3 Test: In-Class Response Architect Lab: 9-Mark Questions I	R-I	Units 1 - 6.3
DAY 15	Week 3 Test Review MOCK Exam Prep	N/A	MOCK Exam
WEEK 4			
DAY 16	MOCK Exam Review Response Architect Lab: 9-Mark Questions II	R-II	
DAY 17	6.4 Stratospheric Ozone	6.4	
DAY 18	Scientific Fluency Check III 7.1 Natural Resources - Uses and Management	7.1	
DAY 19	7.2 Energy Sources - Uses and Management	7.2	
DAY 20	7.3 Solid Waste	N/A	
Note	■ Mock Test는 3주차 토요일(1차 7/4, 2차 8/1)에 진행됩니다.		

# IB BIO HL Y2

담당강사 **Danny**

강사소개  
 업계 최고 수준의 자료와  
 어려운 개념도 단번에 이해되게 만드는 탁월한 설명력,  
 그리고 지루할 틈 없이 몰입하게 만드는 생생한 예시와 스토리텔링으로  
 재미와 학습효과, 두 마리 토끼를 모두 잡는  
 IB Biology 교육의 정점, 임예준입니다.



## 로얄아이비 26 여름특강 [DP Y2 HL] Syllabus

Day	In Class	Assignment	Weekly Exam
WEEK 1			
DAY 1	C2.1 Chemical signaling_part 1	C2.1_Paper 1A	
DAY 2	C2.1 Chemical signaling_part 2	C2.1_Paper 2A	
DAY 3	C2.2 Neural signaling_part 1	C2.2_Paper 1A	
DAY 4	C2.2 Neural signaling_part 2	C2.2_Paper 2A	
DAY 5	B3.3 Muscle motility [HL]_part 1	B3.3_Paper1A	Weekly Exam 1 C2.1, C2.2
WEEK 2			
DAY 6	B3.3 Muscle motility [HL]_part 2	B3.3_Paper 2A	
DAY 7	B3.2 Transport_part 1	B3.2_Paper 1A	
DAY 8	B3.2 Transport_part 2	B3.2_Paper 2A	
DAY 9	B3.1 Gas exchange_part 1	B3.1_Paper 1A	
DAY 10	B3.1 Gas exchange_part 2	B3.1_Paper 2A	Weekly Exam 2 B3.3, B3.1, B3.2
WEEK 3			
DAY 11	D3.3 Homeostasis_part 1	D3.3_Paper 1A	
DAY 12	D3.3 Homeostasis_part 2	D3.3_Paper 2A	
DAY 13	C3.1 Integration of the body systems_part 1	C3.1_Paper 1A	
DAY 14	C3.1 Integration of the body systems_part 2	C3.1_Paper 1B	
DAY 15	C3.1 Integration of the body systems_part 3	C3.1_Paper 2A	Mock Test
WEEK 4			
DAY 16	D2.1: Meiosis and Cancer	D2.1_Paper 1A	
DAY 17	D3.1 Reproduction_part 1	D3.1_Paper 1A	
DAY 18	D3.1 Reproduction_part 2	D3.1_Paper 2A	
DAY 19	D3.2 Inheritance & A4.1 Evolution and Speciation	Weekly Exam 3	
DAY 20	FINAL REVIEW	NO HW	
Note	■ Mock Test는 3주차 토요일(1차 7/4, 2차 8/1)에 진행됩니다.		

# IB BIO SL Y2

담당강사 **Danny**

강사소개  
업계 최고 수준의 자료와  
어려운 개념도 단번에 이해되게 만드는 탁월한 설명력,  
그리고 지루할 틈 없이 몰입하게 만드는 생생한 예시와 스토리텔링으로  
재미와 학습효과, 두 마리 토끼를 모두 잡는  
IB Biology 교육의 정점, 임예준입니다.



## 로얄아이비 26 여름특강 [DP Y2 SL] Syllabus

Day	In Class	Assignment	Weekly Exam
WEEK 1			
DAY 1	D1.1 DNA replication	D1.1_Paper 1A + 2A	
DAY 2	D1.2 Protein synthesis_part 1	D1.2_Paper 1A	
DAY 3	D1.2 Protein synthesis_part 2	D1.2_Paper 2A	
DAY 4	D1.3 Mutation	D1.3_Paper 1A + 2A	
DAY 5	B2.3 Cell specialization	B2.3_Paper1A + 2A	Weekly Exam 1 D1.1, D1.2, D1.3, B2.3
WEEK 2			
DAY 6	D2.1 Cell division_part 1	D2.1_Paper 1A	
DAY 7	D2.1 Cell division_part 2	D2.1_Paper 2A	
DAY 8	D3.1 Reproduction_part 1	D3.1_Paper 1A	
DAY 9	D3.1 Reproduction_part 2	D3.1_Paper 2A	
DAY 10	D3.2 Inheritance	D3.2_Paper 1A + 2A	Weekly Exam 2 D2.1, D3.1, D3.2
WEEK 3			
DAY 11	B3.2 Transport_part 1	B3.2_Paper 1A	
DAY 12	B3.2 Transport_part 2	B3.2_Paper 2A	
DAY 13	B3.1 Gas exchange_part 1	B3.1_Paper 1A	
DAY 14	B3.1 Gas exchange_part 2	B3.1_Paper 2A	
DAY 15	D3.3 Homeostasis	D3.3_Paper 1A + 2A	Mock Test
WEEK 4			
DAY 16	C2.2 Neural signaling	C2.2_Paper 1A + 2A	
DAY 17	C3.1 Integration of the body system_part 1	C3.1_Paper 1A	
DAY 18	C3.1 Integration of the body system_part 2	C3.1_Paper 2A	
DAY 19	C3.2 Defense against disease	Weekly Exam 3	
DAY 20	FINAL REVIEW	NO HW	
Note	■Mock Test는 3주차 토요일(1차 7/4, 2차 8/1)에 진행됩니다.		