2025 IB Summer DP2

DP2 IB Biology HL/SL

Week	Date	Topic	Section
Week 1 1차 - 06/16-20 2차 - 07/14-18	Day 1	Review 1	Review 1. Molecules
	Day 2	Review 2	Review 2. Cells
	Day 3	3. Organisms	A 3.1 Diversity of Organisms B 3.1 Gas Exchange
	Day 4	3. Organisms	B 3.2 Transport C 3.1 Integration of Body Systems
	Day 5	3. Organisms	C 3.2 Defence Against Disease
Week 2 1차 - 06/23-27 2차 - 07/21-25	Day 6	3. Organisms	D 3.1 Reproduction
	Day 7	3. Organisms	D 3.2 Inheritance D 3.3 Homeostasis
	Day 8	4. Ecosystems	A 4.1 Evolution and Speciation A 4.2 Conservation of Biodiversity
	Day 9	4. Ecosystems	B 4.1 Adaptation to Environment B 4.2 Ecological Niches
	Day 10	4. Ecosystems	B 4.1 Adaptation to Environment
Week 3 1차 - 06/30-07/04 2차 - 07/28-08/01	Day 11	4. Ecosystems	B 4.2 Ecological Niches
	Day 12	4. Ecosystems	C 4.1 Populations and Communities
	Day 13	4. Ecosystems	C 4.2 Transfers of Energy and Matter
	Day 14	4. Ecosystems	D 4.1 Natural Selection D 4.2 Stability and Change
	Day 15	4. Ecosystems	D 4.3 Climate Change
Week 4 1차 - 07/07-11 2차 - 08/04-08	Day 16	AHL	A 2.1 Origins of Cells A 2.3 Viruses
	Day 17	AHL	C 2.1 Chemical Signaling D 2.2 Gene Expression
	Day 18	AHL	A 3.2 Classification and Cladistics
	Day 19	AHL	B 3.3 Muscle and Motility
	Day 20	Final Review	Final Review

This schedule is subject to change based on the student's pace of learning.
위 스케줄은 학생의 성취도에 따라 소폭 변경될 수 있습니다.

비영리 법인 미래의과학자들
FUTURE SCIENTISTS

2025 IB Summer DP1

DP2 IB Chemistry HL/SL

Week	Date	Topic	Section
Week 1 1차 - 06/16-20 2차 - 07/14-18	Day 1	Review S1	S 1.1 Introduction to the Particulate Nature of Matter S 1.2 The Nuclear Atom
	Day 2	Review S2	S 1.4 Counting Particles by mass: the Mole
	Day 3	Review S3	S 2.1 The Ionic Model S 2.2 The Covalent Model
	Day 4	R1 What Drives Chemical Reactions?	R 1.1 Measuring Enthalpy Changes
	Day 5	R1 What Drives Chemical Reactions?	R 1.2 Energy Cycles in Reactions
Week 2 1차 - 06/23-27 2차 - 07/21-25	Day 6	R1 What Drives Chemical Reactions?	R 1.2 Energy Cycles in Reactions
	Day 7	R1 What Drives Chemical Reactions?	R 1.3 Energy from Fuels
	Day 8	R1 What Drives Chemical Reactions?	R 1.4 Entropy and Spontaneity *
	Day 9	Review R1	Review R1
	Day 10	R2 How Much, How Fast and How Far?	R 2.1 How Much? The Amount of Chemical Change
Week 3 1차 - 06/30-07/04 2차 - 07/28-08/01	Day 11	R2 How Much, How Fast and How Far?	R 2.1 How Much? The Amount of Chemical Change R 2.2 How Fast? The Rate of Chemical Change
	Day 12	R2 How Much, How Fast and How Far?	R 2.2 How Fast? The Rate of Chemical Change
	Day 13	R2 How Much, How Fast and How Far?	R 2.3 How Far? The Extent of Chemical Change
	Day 14	R3 What Are The Mechanisms of Chemical Change?	R 3.1 Proton Transfer
	Day 15	R3 What Are The Mechanisms of Chemical Change?	R 3.2 Electron Transfer
Week 4 1차 - 07/07-11 2차 - 08/04-08	Day 16	R3 What Are The Mechanisms of Chemical Change?	R 3.3 Electron Sharing Reactions
	Day 17	R3 What Are The Mechanisms of Chemical Change?	R 3.3 Electron Sharing Reactions
	Day 18	R3 What Are The Mechanisms of Chemical Change?	R 3.4 Electron Pair Sharing Reactions
	Day 19	R3 What Are The Mechanisms of Chemical Change?	R 3.4 Electron Pair Sharing Reactions
	Day 20	Final Review	Final Review

This schedule is subject to change based on the student's pace of learning.
위 스케줄은 학생의 성취도에 따라 소폭 변경될 수 있습니다.

2025 IB Summer DP2

DP2 IB Physics HL/SL

Week	Date	Topic	Section
Week 1 1차 - 06/16-20 2차 - 07/14-18	Day 1	Review A	Review A.1, A.2, A.3
	Day 2	Review A and B	Review A.4, A.5, B.1, B.2
	Day 3	Review B	Review B.3, B.4, B.5
	Day 4	C. Wave Behaviour	C.1 Simple Harmonic Motion C.2 Wave Model
	Day 5	C. Wave Behaviour	C.3 Wave Phenomena C.4 Standing Waves and Resonance
Week 2 1차 - 06/23-27 2차 - 07/21-25	Day 6	C. Wave Behaviour	C.5 Doppler Effect
	Day 7	Review C	Review C
	Day 8	D. Fields	D.1 Gravitational Fields D.2 Electric and Magnetic Fields
	Day 9	D. Fields	D.2 Electric and Magnetic Fields D.3 Motion in Electromagneic Fields
	Day 10	D. Fields	D.3 Motion in Electromagneic Fields
Week 3 1차 - 06/30-07/04 2차 - 07/28-08/01	Day 11	Review D	Review D
	Day 12	E. Nuclear and Quantum Physics	E.1 Structure of the Atom
	Day 13	E. Nuclear and Quantum Physics	E.3 Radioactive Decay
	Day 14	E. Nuclear and Quantum Physics	E.4 Fission
	Day 15	E. Nuclear and Quantum Physics	E.5 Fusion and Stars
Week 4 1차 - 07/07-11 2차 - 08/04-08	Day 16	AHL	A.4 Rigid Body Mechanics A.5 Galilean and Special Relativity
	Day 17	AHL	B.4 Thermodynamics
	Day 18	AHl	D.4 Induction
	Day 19	AHL	E.2 Quantum Physics
	Day 20	Final Review	Final Review

This schedule is subject to change based on the student's pace of learning.
위 스케줄은 학생의 성취도에 따라 소폭 변경될 수 있습니다.

2025 IB Summer DP2

DP2 IB Math HL

Week	Date	Topic	Section
Week 1 1차 - 06/16-20 2차 - 07/14-18	Day 1	3. Geometry and Trigonometry	3.2 Use of Sine, Cosine and Tangent Ratios + The Sine Rule + The Cosine Rule
	Day 2	3. Geometry and Trigonometry	3.4 Radian Measure of Angles 3.6 The Pythagorean Identity + Double Angle Identities 3.7 The Circular Functions +Transformations
	Day 3	3. Geometry and Trigonometry	3.8 Solving Trigonometric Equations + Equations Leading to Quadratic Equations in sinx, cosx or tanx 3.9 Pythagorean Identities + Inverse Functions of Trigonometric Functions
	Day 4	3. Geometry and Trigonometry	3.11 Relationships between Trigonometric Functions and the Symmetry Properties of Their Graphs 3.12 Algebraic and Geometric Approaches to Vector
	Day 5	3. Geometry and Trigonometry	3.13 The Angle between Vectors 3.14 Vector Equation
Week 2 1차 - 06/23-27 2차 - 07/21-25	Day 6	3. Geometry and Trigonometry	3.15 Coincident, Parallel, and Skew Lines 3.16 Vector Product 3.17 Planes
	Day 7	Review 3	Review 3
	Day 8	5. Calculus	5.1 Introduction to the Concept of a Limit 5.3 Derivative of a Function 5.4 Tangents and Normals at a Given Point, and Their Equations
	Day 9	5. Calculus	5.6 The Product Rule + The Quotient Rule + The Chain Rule 5.8 Local Maximum and Local Minimum 5.12 Continuity
	Day 10	5. Calculus	5.15 Derivates of trigonometric Functions 5.14 Implicit Differentiation
Week 3 1차 - 06/30-07/04 2차 - 07/28-08/01	Day 11	5. Calculus	5.10 Indefinite Integratal 5.16 Integration Techniques
	Day 12	5. Calculus	5.16 Integration Techniques
	Day 13	5. Calculus	5.18 First Order Differential Equations 5.19 Maclaurin Series
	Day 14	Review 5	Review 5
	Day 15	4. Statistics and Probability	4.2 Presentation of Data 4.3 Measures of Central Tendency and Dispersion
Week 4 1차 - 07/07-11 2차 - 08/04-08	Day 16	4. Statistics and Probability	4.4 Linear Correlation 4.5 Concepts of Trial, Outcome, Equally likely Outcom
	Day 17	4. Statistics and Probability	4.7 Expected Value 4.6 Calculation of Probabilities
	Day 18	4. Statistics and Probability	4.8 Binomial Distribution 4.12 Z-Values
	Day 19	4. Statistics and Probability	4.13 Bayes' Theorem 4.14 Variance of a Discrete Random Variable
	Day 20	Final Review	Final Review

This schedule is subject to change based on the student's pace of learning.
위 스케줄은 학생의 성취도에 따라 소폭 변경될 수 있습니다.

비영리 법인 미래의과학자들
FUTURE SCIENTISTS

2025 IB Summer DP2

DP2 IB Economics HL/SL

Week	Date	Topic	Section
Week 1 1차 - 06/16-20 2차 - 07/14-18	Day 1	Unit 1. Introduction to Macroeconomics 거시경제 입문	1. GDP & Business Cycle
	Day 2	Unit 2. Aggregate Supply and Demand 총공급과 수요	2. Aggregate Supply & Demand
	Day 3	Unit 3. Macroeconomic Objectives 거시경제 정책	3. Employment and Inflation
	Day 4		4. Economic Growth
	Day 5		5. Government Debt
Week 2 1차 - 06/23-27 2차 - 07/21-25	Day 6	Review Session (1)	6. Unit 1-2 Review
	Day 7		7. Economic of inequality and poverty
	Day 8		8. Demand-side Policies
	Day 9		9. Keynesian Economics
	Day 10		10. Supply-side Policies
Week 3 1차 - 06/30-07/04 2차 - 07/28-08/01	Day 11	Review Session (2)	11. Unit 3 Review
	Day 12	Unit 4. The Global Economy 세계 경제	12. International Trade (1)
	Day 13		13. International Trade (2)
	Day 14		14. International Trade (3)
	Day 15		15. Exchange rates and trade balance (1)
Week 4 1차 - 07/07-11 2차 - 08/04-08	Day 16	AHL	16. Exchange rates and trade balance (2)
	Day 17	AHL	17. Economic Development
	Day 18	AHL	18. Barriers to Development
	Day 19	AHL	19. Growth Strategies
	Day 20	Review Session (3)	20. HL Final Review

This schedule is subject to change based on the student's pace of learning.
위 스케줄은 학생의 성취도에 따라 소폭 변경될 수 있습니다.

2025 IB Summer DP2

DP2 IB Business Management HL

Week	Date	Topic	Section
Week 1 1차 - 06/16-06/20 2차 - 07/14-07/18	Day 1	Unit 1. Business Org & Environment 회사(會社)	1. Business Organizations
	Day 2	Unit 2. Human Resource Management 인사(人事)	2. Organizational Structure & HR
	Day 3		3. Corporate Culture & Labor Relations
	Day 4	Unit 3. Finance and Accounts 재무(財務)	4. Sources of Finance
	Day 5		5. Accounting
Week 2 1차 - 06/23-06/27 2차 - 07/21-07/25	Day 6		6. Return on Investment (ROI)
	Day 7	Review Session (1)	7. DP1 Review Test
	Day 8	Unit 4. Marketing 마케팅	8. The Role of Marketing
	Day 9		9. Planning & Forecasting
	Day 10		10. Market Research
Week 3 1차 - 06/30-07/04 2차 - 07/28-08/01	Day 11		11. The Seven (4+3) Ps
	Day 12		12. International Marketing
	Day 13	Review Session (2)	13. Unit 4 Review
	Day 14	Unit 5. Operations Management 운영관리	14. Operations Methods
	Day 15		15. Lean Production & QM
Week 4 1차 - 07/07-07/11 2차 - 08/04-08/08	Day 16	AHL	16. Location & Break-Even Analysis
	Day 17	AHL	17. Production Planning
	Day 18	AHL	18. Crisis Management and R&D
	Day 19	AHL	19. Information Systems
	Day 20	Final Review Session	20. Paper 2 Practice Exam
This schedule is subject to change based on the student's pace of learning. 위 스케줄은 학생의 성취도에 따라 소폭 변경될 수 있습니다.			