

세터스 2024 봄학기 Year 1 진도표

Biology HL Year 1 Q4 Spring 진도표

1	B1.1B1.2	carbohydrate and lipidsproteins	molecular biology theme B
2	B2.1B2.2	membranes and membrane transportorganelles and compartmentalisation	
3	B2.3	cell specialization	
4	C1.1	enzymes and metaboilsn	
5	C1.2	cell respiration	HL parts of molecular biology
6	C1.3	photosynthesis	
7	D1.1	DNA replication	
8	D1.2	protein synthesis	genetics
9	D1.3	mutation / gene editing	
10	D2.1	cell and nuclear division	
11	D2.2	gene expression	
12	D3.2	inheritance	

Chemistry HL Year 1 Spring 진도표

Topic #	Topic	Subtopic #	Subtopic
Reactivity 1	What drives chemical reactions?	Reactivity 1.1	Measuring enthalpy change
		Reactivity 1.2	Energy cycles in reactions
		Reactivity 1.3	Energy from fuels
		Reactivity 1.4	Entropy and spontaneity (AHL)
Reactivity 2	How much, how fast and how far?	Reactivity 2.1	How much? The amount of chemical change
		Reactivity 2.2	How fast? The rate of chemical change

Chemistry SL Year 1 Spring 진도표

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		Reactivity 2.2	How fast? The rate of chemical change

Economics HL Year 1 Q4
2.8 Market failure—externalities and common pool or common access resources (includes HL only calculation)
2.9 Market failure—public goods
2.10 Market failure—asymmetric information (HL only)
2.11 Market failure—market power (HL only)
2.12 The market's inability to achieve equity (HL only)
Unit 3: Macroeconomics
3.1 Measuring economic activity and illustrating its variations
3.2 Variations in economic activity—aggregate demand and aggregate supply
3.3 Macroeconomic objectives (includes HL only calculation)
3.4 Economics of inequality and poverty (includes HL only calculation)
3.5 Demand management (demand side policies)—monetary policy (includes HL only sub-topics)
3.6 Demand management—fiscal policy (includes HL only sub-topics)
3.7 Supply-side policies

Economics SL Year 1 Q4
Unit 1: Introduction to economics
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Math AA HL Y1 Spring 진도표

Geometry & Shapes+paper2,3
Trigonometric functions+paper2,3
Vectors + paper2,3
Differential Calculus+paper2,3
Kinematics+paper2,3

Math AA SL Y1 Spring 진도표

Geometry & Shapes+paper2
Trigonometric functions+paper2
Differential Calculus+paper2
Kinematics+paper1,2
Probability+paper2
Distribution+paper2
Binomial Theorem+paper1,2

Math AI HL Y1 Spring 진도표

Trigonometry+paper2,3
Vector+paper2,3
Graph theory+paper2,3
Probability+paper2,3
Distribution + paper2,3
Hypothesis testing+paper2,3
Estimation & confidence interval +paper2,3
Calculus+paper2,3

Physics HL Year 1 Spring 진도표

B.1 Thermal energy transfer

B.2 Greenhouse effect

B.3 Gas laws

B.4 Thermodynamics

C.1 Simple harmonic motion

C.2 Wave model

C.3 Wave phenomena (Superposition, Reflection)

C.3 Wave phenomena (Refraction, Polarization)

C.3 Wave phenomena (Diffraction, Interference)

C.4 Standing waves and resonance

C.5 Doppler effect

세터스 2024 봄학기 Year 2 진도표

Biology HL Year 2 Q8 Spring 진도표			
1	2 (SL)	molecular biology	molecular biology topic 2+7+8
2	2 (SL)	molecular biology	
3	7 (HL)	nucleic acids*	
4	8 (HL)	metabolism, cell respiration and photosynthesis*	
5	3 (SL)	genetics	genetics topic 3+10
6	3 (SL)	genetics	
7	10 (HL)	genetics and evolution*	
8	10 (HL)	genetics and evolution*	
9	6 (SL)	human physiology	human physiology topic 6+11
10	6 (SL)	human physiology	
11	11 (HL)	animal physiology*	
12	11 (HL)	animal physiology*	

Physics HL Year 2 Spring 진도표

(Past paper revision) 7. Atomic, Nuclear & Particle Physics

(Past paper revision) 8. Energy production

(Past paper revision) 12. Quantum & Nuclear Physics

(Past paper revision) 10. Fields

(Past paper revision) 9. Wave Phenomena

(Past paper revision) 11. Electromagnetic Induction

Chemistry HL Year 2 Spring Q8

Topic	Subtopic	Y2
		Spring (32)
		Q8
1. Stoichiometric relationship	1.1 Particulate nature of matter	
	1.2 The mole concept	
	1.3 Reacting masses and volumes	
2. Atomic structure	2.1 The nuclear atom	
	2.2 Electron configuration	
3. Periodicity	3.1 Periodic table	
	3.2 Periodic trends	
4. Chemical bonding and structure	4.1 Ionic bonding and structure	
	4.2 Covalent bonding	
	4.3 Covalent structures	
	4.4 Intermolecular forces	
	4.5 Metallic bonding	
5. Energetics	5.1 Measuring energy changes	
	5.2 Hess's Law	
	5.3 Bond enthalpies	
6. Chemical kinetics	6.1 Collision theory and rates of reaction	
7. Equilibrium	7.1 Equilibrium	
8. Acids and bases	8.1 Theories of acids and bases	
	8.2 Properties of acids and bases	
	8.3 The pH scale	
	8.4 Strong and weak acids and bases	
	8.5 Acid deposition	
9. Redox processes	9.1 Oxidation and reduction	
	9.2 Electrochemical cells	
10. Organic chemistry	10.1 Fundamentals of organic chemistry	
	10.2 Functional group chemistry	
11. Measurement and data processing	11.1 Uncertainties and errors	
	11.2 Graphical techniques	
	11.3 Spectroscopic identification	
12. Atomic structure*	12.1 Electrons in atoms	
13. The periodic table - the transition	13.1 First-row d-block elements	
	13.2 Coloured complexes	
14. Chemical bonding	14.1 Further aspects of covalent bonding and structure	
	14.2 Hybridization	
15. Energetics*	15.1 Energy cycles	
	15.2 Entropy and spontaneity	
16. Chemical kinetics*	16.1 Rate expression and rate mechanism	
	16.2 Activation energy	
17. Equilibrium*	17.1 The equilibrium law	
18. Acids and bases*	18.1 Lewis acids and bases	
	18.2 Calculations involving acids and bases	
	18.3 pH curves	
19. Redox processes*	19.1 Electrochemical cells	
20. Organic chemistry	20.1 Types of organic reactions	
	20.2 Synthetic routes	
	20.3 Stereoisomerism	
21. Measurement and	21.1 Spectroscopic identification	
	진도	
	간단히 훑기	
	탄탄한 복습	

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1. Stoichiometric relationship	1.1 Particulate nature of matter	
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Economics HL Year 2 Q8
Unit 1: Introduction to economics
1.1 What is economics?
1.2 How do economists approach the world?
Unit 2: Microeconomics
2.1 Demand (includes HL only sub-topics)
2.2 Supply (includes HL only sub-topics)
2.3 Competitive market equilibrium
2.4 Critique of the maximizing behaviour of consumers and producers
2.5 Elasticity of demand (includes HL only sub-topics)
2.6 Elasticity of supply (includes HL only sub-topics)
2.7 Role of government in microeconomics (includes HL only calculation)
2.8 Market failure—externalities and common pool or common access resources (includes HL only calculation)
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3.6 Demand management—fiscal policy (includes HL only sub-topics)
3.7 Supply-side policies
Unit 4: The global economy
4.1 Benefits of international trade (includes HL only subtopics and calculation)
4.2 Types of trade protection (includes HL only calculations)
4.3 Arguments for and against trade control/protection
4.4 Economic integration
4.5 Exchange rates (includes HL only sub-topic)
4.6 Balance of payments (includes HL only sub-topics)
4.7 Sustainable development (includes HL only sub-topic)
4.8 Measuring development
4.9 Barriers to economic growth and/or economic development
4.10 Economic growth and/or economic development strategies

Economics SL Year 2 Q8
Unit 1: Introduction to economics
1.1 What is economics?
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Math AA HL Y2 Spring 진도표

Geometry & Shapes +Paper2,3
Trigonometric functions+Paper2,3
Vectors + paper3
Differenetal Calculus+paper3
Integral Calculus+paper3
Differential equation+paper3
Maclaurin series+paper3

Math AA SL Y2 Spring 진도표

Geometry & Shapes +Paper2
Trigonometric functions+Paper2
Differenetal Calculus+paper2
Integral Calculus+paper2
Kinematics+paper2
Probability+paper2
Distribution+paper2
Binomial Theorom+paper2

Math AI HL Y2 Spring 진도표

Complex numbers+paper2,3
Graph theory+paper2,3
Distribution + paper2,3
Hypothesis testing+paper2,3
Estimation & confidence interval +paper2,3
Calculus+paper2,3
Trigonometry+paper2,3