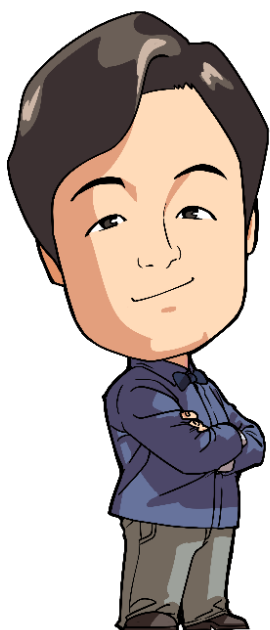


# MS Prep - Physics

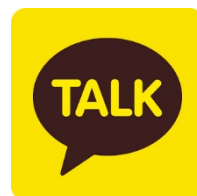
## 2021 Summer Class Schedule

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- IB Physics 7



**MS PREP**



등록문의 1800-6291

교과상담 010-7129-7116

# MS Prep 2021 Summer Class Schedule

## AP Physics 1

1st Session (6/22 ~ 7/22) 화목 2 ~ 5 PM

2nd Session (8/2~8/13) 월-금 2 PM ~ 5 PM

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
2021 June	20	21	22 PM 2-5 AP Physics 1	23	24 PM 2-5 AP Physics 1	25	26
	27	28	29 PM 2-5 AP Physics 1	30	1 PM 2-5 AP Physics 1	2	3
2021 July	4	5	6 PM 2-5 AP Physics 1	7	8 PM 2-5 AP Physics 1	9	10
	11	12	13 PM 2-5 AP Physics 1	14	15 PM 2-5 AP Physics 1	16	17
	18	19	20 PM 2-5 AP Physics 1	21	22 PM 2-5 AP Physics 1	23	31
2021 August		1	2 PM 2-5 AP Physics 1	3 PM 2-5 AP Physics 1	4 PM 2-5 AP Physics 1	5 PM 2-5 AP Physics 1	6 PM 2-5 AP Physics 1
		8	9 PM 2-5 AP Physics 1	10 PM 2-5 AP Physics 1	11 PM 2-5 AP Physics 1	12 PM 2-5 AP Physics 1	13 PM 2-5 AP Physics 1

### 여름방학 수업

- Unit 1. Kinematics
- Unit 2. Dynamics
- Unit 3. Circular Motion and Gravitation
- Unit 4. Energy
- Unit 5. Momentum

### 겨울방학 수업

- Unit 6. Simple Harmonic Motion
- Unit 7. Torque and Rotational Motion

### Prerequisite – Algebra 2

\* 여름방학 동안 총 7 개의 Unit 들 중, 처음 5 개의 Unit 까지 진도를 나갑니다. 나머지 2 개의 Unit 들은 겨울방학 이 후 수업으로 이어집니다.



# MS Prep 2021 Summer Class Schedule

## AP Physics 2



6/19~7/31 토 2 PM ~ 5 PM

SAT 6/19	SAT 6/26	SAT 7/3	SAT 7/10	SAT 7/17	SAT 7/24	SAT 7/31
PM 2-5 AP Physics 2	PM 2-5 AP Physics 2	PM 2-5 AP Physics 2	PM 2-5 AP Physics 2	PM 2-5 AP Physics 2	PM 2-5 AP Physics 2	PM 2-5 AP Physics 2

### 여름방학 수업 Unit 1. Fluids

Unit 2. Thermodynamics

Unit 3. Electric Force, Field, and Potential

Unit 4. Electric Circuits

### 겨울방학 수업

Unit 5. Magnetism and Electromagnetic Induction

Unit 6. Geometric and Physical Optics

Unit 7. Quantum, Atomic, and Nuclear Physics

### **Prerequisite – Algebra 2**

\* 여름방학 동안 총 7 개의 Unit 들 중, 처음 4 개의 Unit 까지 진도를 나갑니다. 나머지 3 개의 Unit 들은 겨울방학 이 후 수업으로 이어집니다.

# MS Prep 2021 Summer Class Schedule

## AP Physics C Mechanics



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
<b>2021 June</b>	20	21	22	23	24	25	26	
		PM 2-5 AP C Mechanics		PM 2-5 AP C Mechanics		PM 2-5 AP C Mechanics		
	27	28	29	30	1	2	3	
		PM 2-5 AP C Mechanics		PM 2-5 AP C Mechanics		PM 2-5 AP C Mechanics		
	<b>2021 July</b>	4	5	6	7	8	9	10
			PM 2-5 AP C Mechanics		PM 2-5 AP C Mechanics		PM 2-5 AP C Mechanics	
11		12	13	14	15	16	17	
		PM 2-5 AP C Mechanics		PM 2-5 AP C Mechanics		PM 2-5 AP C Mechanics		
18		19	20	21	22	23	31	
		PM 2-5 AP C Mechanics		PM 2-5 AP C Mechanics		PM 2-5 AP C Mechanics		
<b>2021 August</b>	1	2	3	4	5	6	7	
		PM 2-5 AP C Mechanics	PM 2-5 AP C Mechanics	PM 2-5 AP C Mechanics	PM 2-5 AP C Mechanics	PM 2-5 AP C Mechanics		
	8	9	10	11	12	13	14	
		PM 2-5 AP C Mechanics	PM 2-5 AP C Mechanics	PM 2-5 AP C Mechanics	PM 2-5 AP C Mechanics	PM 2-5 AP C Mechanics		

### 1st Session (6/21 ~ 7/23)

월수금 2 ~ 5 PM

- Unit 1. Kinematics
- Unit 2. Newton's Law of Motion
- Unit 3. Work, Energy, and Power
- Unit 4. Systems of Particles and Linear Momentum
- Unit 5. Rotation
- Unit 6. Oscillation
- Unit 7. Gravitation

### 2nd Session (8/2~8/13)

월~금 10 AM ~ 1 PM

- Unit 1. Kinematics
- Unit 2. Newton's Law of Motion
- Unit 3. Work, Energy, and Power
- Unit 4. Systems of Particles and Linear Momentum

### Prerequisite – Calculus

- \* 1st Session 에서는 AP C Mechanics 에서 배우는 총 7 개의 Unit 의 전체 진도를 다 나갑니다.
- \* 2nd Session 에서는 처음 4 개의 Unit 까지 진도를 나갑니다. 나머지 3 개의 Unit 들은 겨울방학 이 후 수업으로 이어집니다.

## MS Prep 2021 Summer Class Schedule

### AP Physics C Electricity and Magnetism

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SAT 6/19	SAT 6/26	SAT 7/3	SAT 7/10	SAT 7/17	SAT 7/24	SAT 7/31
AM 10 - PM 1 AP Physics C E & M	AM 10 - PM 1 AP Physics C E & M	AM 10 - PM 1 AP Physics C E & M	AM 10 - PM 1 AP Physics C E & M	AM 10 - PM 1 AP Physics C E & M	AM 10 - PM 1 AP Physics C E & M	AM 10 - PM 1 AP Physics C E & M

#### 여름방학 수업 6/19~7/31 토 10 AM ~ 1 PM

Unit 1. Electrostatics

Unit 2. Conductors, Capacitors, and Dielectrics

Unit 3. Electric Circuits

#### 겨울방학 수업

Unit 4. Magnetic Fields

Unit 5. Electromagnetism

#### Prerequisite – Calculus

\* 여름방학 동안 총 5 개의 Unit 들 중, 처음 3 개의 Unit 까지 진도를 나갑니다. 나머지 2 개의 Unit 은 겨울방학 이 후 수업으로 이어집니다.

## MS Prep 2021 Summer Class Schedule

### IGCSE Physics Year 1,2



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>2021 June</b>	20	21 AM 10-12 IGCSE Year 1	22	23 AM 10-12 IGCSE Year 1	24	25 AM 10-12 IGCSE Year 1	26
	27	28 AM 10-12 IGCSE Year 1	29	30 AM 10-12 IGCSE Year 1	1	2 AM 10-12 IGCSE Year 1	3
<b>2021 July</b>	4	5 AM 10-12 IGCSE Year 1	6	7 AM 10-12 IGCSE Year 1	8	9 AM 10-12 IGCSE Year 1	10
	11	12 AM 10-12 IGCSE Year 2	13	14 AM 10-12 IGCSE Year 2	15	16 AM 10-12 IGCSE Year 2	17
	18	19 AM 10-12 IGCSE Year 2	20	21 AM 10-12 IGCSE Year 2	22	23 AM 10-12 IGCSE Year 2	24
	25	26 AM 10-12 IGCSE Year 2	27	28 AM 10-12 IGCSE Year 2	29	30 AM 10-12 IGCSE Year 2	31

#### IGCSE Physics Year 1

6/21~7/9 월수금 10 AM ~ 12:00 PM

- Unit 1 – Measurement and Motion
- Unit 2 – Forces, Work, and Momentum
- Unit 3 – Energy
- Unit 4 – Thermal Physics

#### IGCSE Physics Year 2

7/12~7/30 월수금 10 AM ~ 12:00 PM

- Unit 5 – Waves
- Unit 6 – Electricity
- Unit 7 – Electromagnetism and Electronics
- Unit 8 – Atomic Physics

\* IGCSE Physics 를 처음 시작하는 9 학년 학생들은 Year 1, IGCSE Physics 2 년차 학생들은 year 2 를 수강하면 됩니다.

\* IGCSE Physics 와 상관없이 9 학년 또는 10 학년 학생들 중 처음 Physics 를 시작하는 학생들에게도 추천하는 수업입니다.

# MS Prep 2021 Summer Class Schedule

## IB Physics Year 1,2



	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>2021 June</b>	20	21 PM 7-10 IB Physics Year 1	22	23 PM 7-10 IB Physics Year 1	24	25 PM 7-10 IB Physics Year 1	26
	27	28 PM 7-10 IB Physics Year 1	29	30 PM 7-10 IB Physics Year 1	1	2 PM 7-10 IB Physics Year 1	3
<b>2021 July</b>	4	5 PM 7-10 IB Physics Year 1	6	7 PM 7-10 IB Physics Year 1	8	9 PM 7-10 IB Physics Year 1	10
	11	12 PM 7-10 IB Physics Year 1	13	14 PM 7-10 IB Physics Year 1	15	16 PM 7-10 IB Physics Year 1	17
	18	19 PM 7-10 IB Physics Year 1	20	21 PM 7-10 IB Physics Year 1	22	23 PM 7-10 IB Physics Year 1	24
	25	26 PM 7-10 IB Physics Year 1	27	28 PM 7-10 IB Physics Year 1	29	30 PM 7-10 IB Physics Year 1	31

### IB Physics Year 1

6/21~7/9 월수금 7:00 ~ 10:00 PM

- Topic 1 – Measurement and Uncertainties
- Topic 2 - Mechanics
- Topic 3 – Thermal Physics
- Topic 6 – Circular Motion and Gravitation

### IB Physics Year 2

7/12~7/30 월수금 7:00 ~ 10:00 PM

- Topic 4 – Wave
- Topic 5 – Electricity and Magnetism
- Topic 7 – Atomic, Nuclear, and Particle Physics
- Topic 8 – Energy Production

\* 이번 여름방학 수업에서는 Standard Level 이나 Higher level 상관없이 공통으로 배우는 Core 수업만 진행됩니다.

\* AHL (Additional Higher Level) 과 IB Physics Option 은 방학 후 학기중에 개설될 예정입니다.



# MS Prep 2021 Summer Class Schedule

<b>AP Physics 1</b> 6/22~7/22 화,목 PM 2 - 5 3hr * 10회 = 총 30 hrs	<b>AP Physics 2</b> 6/19~7/31 토 PM 2 - 5 3hr * 7회 = 총 21 hrs	<b>AP Physics C Mechanics</b> 6/21~7/23 월,수,금 PM 2~5 3hr * 15회 = 총 45 hrs	<b>IGCSE Physics Year 1</b> 6/21~7/9 월,수,금 AM 10 - 12 2hr * 9회 = 총 18 hrs	<b>IB Physics Year 1</b> 6/21~7/9 월,수,금 PM 7 - 10 3hr * 9회 = 총 27 hrs
<b>AP Physics 1</b> 8/2 ~ 8/13 월~금 PM 2 - 5 3hr * 10회 = 총 30 hrs	<b>AP Physics C E&amp;M</b> 6/19~7/31 토 AM 10 - PM 1 3hr * 7회 = 총 21 hrs	<b>AP Physics C Mechanics</b> 8/2 ~ 8/13 월~금 AM 10 - PM 1 3hr * 10회 = 총 30 hrs	<b>IGCSE Physics Year 2</b> 7/12 ~7/30 월,수,금 AM 10 - 12 2hr * 9회 = 총 18 hrs	<b>IB Physics Year 2</b> 7/12 ~7/30 월,수,금 PM 7 - 10 3hr * 9회 = 총 27 hrs

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>2021 June</b>	13	14	15	16	17	18	19 AM 10-13 AP C E&M PM 2-5 AP Physics 2
	20 AM 10-12 IGCSE Year 1 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 1	21 PM 2-5 AP Physics 1	22 AM 10-12 IGCSE Year 1 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 1	23 PM 2-5 AP Physics 1	24 AM 10-12 IGCSE Year 1 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 1	25 AM 10-13 AP C E&M PM 2-5 AP Physics 2	26
	27 AM 10-12 IGCSE Year 1 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 1	28 PM 2-5 AP Physics 1	29 AM 10-12 IGCSE Year 1 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 1	30 PM 2-5 AP Physics 1	1 AM 10-12 IGCSE Year 1 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 1	2 AM 10-13 AP C E&M PM 2-5 AP Physics 2	3
<b>2021 July</b>	4 AM 10-12 IGCSE Year 1 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 1	5 PM 2-5 AP Physics 1	6 AM 10-12 IGCSE Year 1 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 1	7 PM 2-5 AP Physics 1	8 AM 10-12 IGCSE Year 1 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 1	9 AM 10-13 AP C E&M PM 2-5 AP Physics 2	10
	11 AM 10-12 IGCSE Year 2 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 2	12 PM 2-5 AP Physics 1	13 AM 10-12 IGCSE Year 2 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 2	14 PM 2-5 AP Physics 1	15 AM 10-12 IGCSE Year 2 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 2	16 AM 10-13 AP C E&M PM 2-5 AP Physics 2	17
	18 AM 10-12 IGCSE Year 2 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 2	19 PM 2-5 AP Physics 1	20 AM 10-12 IGCSE Year 2 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 2	21 PM 2-5 AP Physics 1	22 AM 10-12 IGCSE Year 2 PM 2-5 AP C Mechanics PM 7-10 IB Physics Year 2	23 AM 10-13 AP C E&M PM 2-5 AP Physics 2	24
<b>2021 August</b>	25 AM 10-12 IGCSE Year 2 PM 7-10 IB Physics Year 2	26 PM 2-5 AP Physics 1	27 AM 10-12 IGCSE Year 2 PM 7-10 IB Physics Year 2	28 PM 2-5 AP Physics 1	29 AM 10-12 IGCSE Year 2 PM 7-10 IB Physics Year 2	30 AM 10-13 AP C E&M PM 2-5 AP Physics 2	31
	1 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	2 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	3 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	4 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	5 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	6 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	7
	8 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	9 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	10 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	11 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	12 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	13 AM 10-13 AP C Mechanics PM 2-5 AP Physics 1	14