



Semester: 2

2025 – 2026

<b>Grade Level</b>	Grade 12 - AP PHYSICS		<b>Subject: PHYSICS</b>	
<b>Teacher(s) Name</b>	SARANYA HAREESH			
<b>Textbook</b>	AP Physics- WILEY + Calculus (college board 2025)			
Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
20	Feb 2 <sup>nd</sup>	Feb 6 <sup>th</sup>	<b>UNIT 9 Electric Potential</b> 9.2 Electric Potential 9.3 Conservation of Electric Energy	9.2.A 9.2.B 9.3. A
21	Feb 9 <sup>th</sup>	Feb 13 <sup>th</sup>	<b>UNIT 10 Conductors and Capacitors</b> 10.1 Electrostatics with Conductors 10.2 Redistribution of Charge between Conductors 10.3 Capacitors 10.4 Dielectrics	10.1.A 10.2.A 10.3.A 10.4. A
22	Feb 16 <sup>th</sup>	Feb 20 <sup>th</sup>	<b>UNIT 11 Electric Circuits</b> 11.1 Electric Current 11.2 Simple Circuits 11.3 Resistance, Resistivity, and Ohm's Law 11.4 Electric Power	11.1.A 11.2. A 11.3.A 11.3.B 11.4. A
23	Feb 23 <sup>rd</sup>	Feb 27 <sup>th</sup>	<b>UNIT 11 Electric Circuits</b>	

			11.5 Compound Direct Current Circuits 11.6 Kirchhoff's Loop Rule 11.7 Kirchhoff's Junction Rule	11.5.A 11.5.B 11.5.C
24	Mar 2 <sup>nd</sup>	Mar 6 <sup>th</sup>	<b>UNIT 11 Electric Circuits</b> 11.5 Compound Direct Current Circuits 11.6 Kirchhoff's Loop Rule 11.7 Kirchhoff's Junction Rule 11.8 Resistor Capacitor (RC) Circuits	11.6.A 11.7.A 11.8.A 11.8. B
25	Mar 9 <sup>th</sup>	Mar 13 <sup>th</sup>	<b>UNIT 12 Magnetic Fields and Electromagnetism</b> 12.1 Magnetic Fields 12.2 Magnetism and Moving Charges	12.1.A 12.1.B 12.1.C 12.2.A 12.2. B
26	Mar 30 <sup>th</sup>	Apr 3 <sup>rd</sup>	<b>UNIT 12 Magnetic Fields and Electromagnetism</b> 12.3 Magnetic Fields of Current-Carrying Wires and the Biot-Savart Law 12.4 Ampère's Law	12.3.A 12.3.B 12.4. A
27	Apr 6 <sup>th</sup>	Apr 10 <sup>th</sup>	<b>UNIT 13 Electromagnetic Induction</b> 13.1 Magnetic Flux 13.2 Electromagnetic Induction 13.3 Induced Currents and Magnetic Forces	13.1.A 13.2.A 13.3. A
28	Apr 13 <sup>th</sup>	Apr 17 <sup>th</sup> <b>End of 3d Quarter</b>	<b>UNIT 13 Electromagnetic Induction</b> 13.4 Inductance	13.4.A 13.5.A 13.6. A

			13.5 Circuits with Resistors and Inductors (LR Circuits)  13.6 Circuits with Capacitors and Inductors (LC Circuits)	
29	Apr 20 <sup>th</sup>	Apr 24 <sup>th</sup>	REVISION WEEK	
30	Apr 27 <sup>th</sup>	May 1 <sup>st</sup>	REVISION WEEK	
31	May 4 <sup>th</sup>	May 8 <sup>th</sup>	REVISION WEEK	
32	May 11 <sup>th</sup>	May 15 <sup>th</sup> <b>Grade 12 Final Exams Start May 13</b>		
33	May 18 <sup>th</sup>	May 22 <sup>nd</sup>		
34	May 25 <sup>th</sup>	May 29 <sup>th</sup>		
35	Jun 1 <sup>st</sup>	Jun 5 <sup>th</sup>		
36	Jun 8 <sup>th</sup>	Jun 12 <sup>th</sup>	Jun 11 - Jun 22: Final Exams for Grades 4-11.	
37	Jun 15 <sup>th</sup>	Jun 19 <sup>th</sup>	Jun 11 - Jun 22: Final Exams for Grades 4-11.	
38	Jun 22 <sup>nd</sup>	Jun 26 <sup>th</sup>	Jun 22: Make-up Exam for absent students.	
39	Jun 29 <sup>th</sup>	Jul 3 <sup>rd</sup>	June 30 - July 2: Make-up Exam for failing students.	