

Peicai Secondary School
 Subject Overview for Semester 1 2023
 Science Physics | Secondary 4 | Express

Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 3 & 4 T1W3 – CNY Celebration (Fri) T1W4 – CNY (Mon & Tue)	10.2 – 10.3 Light <ul style="list-style-type: none"> • Practical 	Assignment: Light	
Week 5 & 6	11.1 – 11.3 Waves <ul style="list-style-type: none"> • Practical 	Assignment: Waves	
Week 7 & 8	11.4 Waves 12.1 – 12.2 Electromagnetic Waves	Assignment: Electromagnetic Waves	<u>WA1 (T1W7):</u> <ul style="list-style-type: none"> • Vector Diagram (Dynamics) • Transfer of Thermal Energy • Thermal Properties of Matter • Light • Waves
Week 9 & 10	13.1 – 13.3 Sound 14.1 – 14.2: Static Electricity	Assignment: Sound	

Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 1 & 2	15.1 – 15.3: Current Electricity	Assignment: Static Electricity	
Week 3 & 4 T2W3 – Good Friday (Fri)	15.4: Current Electricity 16.1 – 16.2: D.C Circuits	Assignment: Current Electricity	
Week 5 & 6 T2W6 – Hari Raya Puasa (in-lieu) (Mon)	16.3: D.C Circuits <ul style="list-style-type: none"> • Practical 17.1 – 17.3 Practical Electricity	Assignment: D.C Circuits	
Week 7 & 8 T2W7 – Labour Day (Mon)	17.4 Practical Electricity 18.1 – 18.3 Magnetism	Assignment: Practical Electricity	<u>WA2 (T2W8):</u> <ul style="list-style-type: none"> • Forces and Pressure • Mass, Weight Density • Turning effect of forces • Energy, Work and Power • Light • Waves • EM Wave • Sound • Static Electricity • Current Electricity • Practical Electricity
Week 9 & 10	18.4 – 18.7: Magnetism and Electromagnetism	Assignment: Magnetism	

The subject overview is tentative and is subject to changes.