

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

Term 1			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 3 & 4 T1W3 – CNY Celebration (Fri) T1W4 – CNY (Mon & Tue)	13.1 Wave	Assignment: TYS EM Wave HW: Flipped learning for Waves	
Week 5 & 6	13.2 Wave <ul style="list-style-type: none"> • Practical 	Assignment: TYS Waves	
Week 7 & 8	15.1 – 15.5 Sound	Assignment: TYS Sound	<u>WA1 (T1W7):</u> <ul style="list-style-type: none"> • Temperature • Kinetic Model of matter • Transfer to thermal energy • Thermal Properties of Matter • Light • Waves • EM Wave
Week 9 & 10	16.1 – 16.3 Static Electricity	Homework: Flipped learning for static, Complete WS	

Term 2			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Week 1 & 2	17.1 – 17.4 Current Electricity 18.1 – 18.4 DC Circuits (Series and Parallel)	Assignment: TYS Static	
Week 3 & 4 T2W3 – Good Friday (Fri)	18.5: DC Circuits (potentiometer and Transducer) 19.1 – 19.2: Practical Electricity	Assignment: TYS DC circuits	
Week 5 & 6 T2W6 – Hari Raya Puasa (in-lieu) (Mon)	19.3 – 19.5: Practical Electricity	Assignment: TYS Practical Electricity	
Week 7 & 8 T2W7 – Labour Day (Mon)	2 Practicals	Flipped learning: Magnetism	<u>WA2 (T2W8):</u> <ul style="list-style-type: none"> • Measurements • Kinematics • Forces • Mass Weight Density • turning effect of forces • Work Energy Power • Pressure • Light • Waves • EM Wave • Sound • Static Electricity • Current Electricity • DC Circuits • Practical Electricity
Week 9 & 10	20.1 – 20.5: Magnetism 21.1 – 21.2: Electromagnetism	Assignment: TYS Magnetism	

The subject overview is tentative and is subject to changes.