

Peicai Secondary School
Subject Overview for 2023
Pure Physics | Secondary 3 | Express

TERM 1			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Weeks 3 & 4 T1W3 – CNY Celebration (Fri) T1W4 – CNY (Mon & Tue)	1.1 – 1.4 Physical Quantities, Units and Measurements Practical: Pendulum	Assignment: TYS Measurement	
Weeks 5 & 6	8.1 – 8.2 Kinetic Model of Matter 9.1 – 9.2 Thermal Processes	Assignment: TYS Kinetic Particle Model of Matter	
Weeks 7 & 8	9.3 Application of Thermal Process Practical: Cooling / Heating Curve	Assignment: TYS Thermal Processes	
Weeks 9 & 10	WA1 + Error Analysis 10.1 – 10.3 Thermal Properties of Matter	Homework – Flip learning for 10.1	<u>WA1 (T1W9):</u> <ul style="list-style-type: none"> • Measurements • Kinetic model of matter • Thermal Processes
Holiday	3.1 – 3.2 Dynamics I: Mass and Weight	E-learning: Chapter 3 Assignment: TYS Dynamics I	

TERM 2			
Week	Chapter/Topic/Skill/Area	Assignment/ Homework	Weighted Assessment
Weeks 1 & 2	10.3 Latent Heat 2.1 – Kinematics	Assignment: TYS Thermal Properties of Matter	
Week 3 & 4 T2W3 – Good Friday (Fri)	2.2 – 2.3 Kinematics (Graphs) Practical: acceleration due to gravity	Assignment: TYS Kinematics	
Week 5 & 6 T2W6 – Hari Raya Puasa (in-lieu) (Mon)	4.1 – 4.3 Dynamics II: Forces	Assignment: TYS Dynamics II	
Week 7 & 8 T2W7 – Labour Day (Mon)	WA2 + Error Analysis		<u>WA2 (T2W8):</u> <ul style="list-style-type: none"> • Thermal properties • Latent Heat • Kinematics • Dynamics I & II
Weeks 9 & 10	5.1 – 5.2 Turning Effect of Forces	Assignment: TYS turning effect of forces	

The subject overview is tentative and is subject to changes.