

St. John's Senior School



Subject: Physics
Teacher: T. Vrionides

Form: 4th Form
Term: Autumn 2025

WEEK	WEEK BEGINNING	TOPIC
1	8 th September	<ul style="list-style-type: none"> ● P2 Energy Transfer by Conduction
2	15 th September	<ul style="list-style-type: none"> ● Infrared Radiation - Required Practical 2.1
3	22 nd September	<ul style="list-style-type: none"> ● Specific Heat Capacity
4	29 th September	<ul style="list-style-type: none"> ● P3 Energy resources
5	6 th October	<ul style="list-style-type: none"> ● Required practical 2.4
6	13 th October	<ul style="list-style-type: none"> ● P4 Electrical Charges, Currents and Fields
7	20 th October	<ul style="list-style-type: none"> ● Current and charge
HALF - TERM		
8	3 rd November	<ul style="list-style-type: none"> ● Components
9	10 th November	<ul style="list-style-type: none"> ● Series and parallel circuits
10	17 th November	<ul style="list-style-type: none"> ● END OF TERM EXAMINATIONS
11	24 th November	<ul style="list-style-type: none"> ● P5 Electricity in the home
12	1 st December	<ul style="list-style-type: none"> ● Electrical Charges, Currents and Fields
13	8 th December	<ul style="list-style-type: none"> ● Potential Difference – Required Practical 4.3

St. John's Senior School



Subject: Physics
Teacher: T. Vrionides

Form: 4th Form
Term: Spring 2026

WEEK	WEEK BEGINNING	TOPIC
1	6 th January	<ul style="list-style-type: none"> • Series & Parallel Circuits – Required Practical 4.6
2	12 th January	<ul style="list-style-type: none"> • P5 Alternating Current, Cables and Plugs
3	19 th January	<ul style="list-style-type: none"> • Electrical Power and Potential Difference - Required Practical 4.4
4	26 th January	<ul style="list-style-type: none"> • MINI TEST
5	2 nd February	<ul style="list-style-type: none"> • Electrical Currents and Energy Transfer
6	9 th February	<ul style="list-style-type: none"> • P6 Density, States of Matter
HALF - TERM		
7	23 rd February	<ul style="list-style-type: none"> • Changes of State, Internal Energy – Required Practical 6.1
8	2 nd March	<ul style="list-style-type: none"> • Specific Latent Heat and Gas Laws
9	9 th March	<ul style="list-style-type: none"> • P7 Atoms and Radiation
10	16 th March	<ul style="list-style-type: none"> • Nucleus
11	23 rd March	<ul style="list-style-type: none"> • Half-life and Medical Uses

St. John's Senior School



Subject: Physics
Teacher: T. Vrionides

Form: 4th Form
Term: Summer 2026

WEEK	WEEK BEGINNING	TOPIC
1	20 th April	<ul style="list-style-type: none"> • Fission and Fusion
2	27 th April	<ul style="list-style-type: none"> • Nuclear issues
3	5 th May (Tuesday)	<ul style="list-style-type: none"> • P8 Forces in Balance
4	11 th May	<ul style="list-style-type: none"> • Moments
5	18 th May	<ul style="list-style-type: none"> • Centre of Mass
HALF - TERM		
6	1 st June	<ul style="list-style-type: none"> • END OF TERM EXAMINATIONS
7	8 th June	<ul style="list-style-type: none"> • Parallelogram
8	15 th June	<ul style="list-style-type: none"> P9 Speed and Distance Time Graphs
9	22 nd June	<ul style="list-style-type: none"> • Velocity and Acceleration
10	29 th June	<ul style="list-style-type: none"> • More About Velocity Time Graphs
11	6 th July	<ul style="list-style-type: none"> • Analysing Motion Graphs