

St. John's SeniorSchool



Subject: Physics
Teacher: T. Vrionides

Form: 4th
Term: Autumn 2023

WEEK	WEEK BEGINNING	TOPIC
1	4 th September	Energy Changes
2	11 th September	Conservation of Energy & Energy and Work
3	18 th September	Required practical
4	25 th September	GPE & KE
5	2 nd October	Mini-Test Week
6	9 th October	Energy Efficiency & Appliances
7	1 th October	Energy & Power Transferred by Conduction & IR Radiation
HALF - TERM		
8	30 th October	S.H.C., Heating & Insulation
9	6 th November	Energy Demands & Energy From Wind / Water
10	13 th November	End of Term Examinations
11	20 th November	Power From the Sun and Earth & Energy and Environment
12	27 th November	Required Practical
13	4 th December	Big Energy Issues

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Term: Spring 2024

WEEK	WEEK BEGINNING	TOPIC
1	3 rd January (Wednesday)	Electrical Charge
2	8 th January	Current Charge / PD & Resistance
3	15 th January	Component Characteristics
4	22 nd January	MINI- TEST WEEK
5	29 th January	Series & Parallel Circuits
6	5 th February	Required Practical
HALF - TERM		
7	19 th February	AC Current, Cables and Plugs
8	26 th February	Electrical Power, Current and Efficiency
9	4 th March	Density & States of Matter
10	11 th March	Required Practical
11	18 th March	Change of State, Internal Energy and Specific Latent Heat

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WEEK	WEEK BEGINNING	TOPIC
1	16 th April (Tuesday)	Pressure & Volume / Temperature
2	22 nd April	Atoms, Nucleus and Changes in the Nucleus
3	29 th April	Alpha, Beta and Gamma & Half-life
4	7 th May	Required Practical
5	13 th May	Radiation in Medicine
6	22 nd May	Fission & Fusion
HALF - TERM		
7	3 rd June	End of Year Examinations
8	10 th June	Feedback on exam / Preparation to Required Practical
9	17 th June	Required Practical
10	24 th June	Introduction to Vectors, Scalars and Forces
11	1 st July	Consolidation