

St. John's Senior School



Subject: Physics

Form: 4th

Teachers: Mr Beritsis, Mrs. Guerreiro

Term: Autumn 2021

WEEK	WEEK BEGINNING	TOPIC
1	6 th September	Energy Changes
2	13 th September	Conservation of Energy & Energy and Work
3	20 th September	Required practical
4	27 th September	GPE & KE
5	4 th October	MINI TEST WEEK
6	11 th October	Energy Efficiency & Appliances
7	18 th October	Energy & Power Transferred by Conduction & IR Radiation
HALF - TERM		
8	1 st November	S.H.C., Heating & Insulation
9	8 th November	Energy Demands & Energy From Wind / Water
10	15 th November	END OF TERM EXAMS (1st – 4th)
11	22 nd November	Power From the Sun and Earth & Energy and Environment
12	29 th November	Required Practical
13	6 th December	Big Energy Issues

St. John's Senior School



Subject: Physics

Form: 4th

Teachers: Mr. Beritsis, Mrs. Guerreiro

Term: Spring 2022

WEEK	WEEK BEGINNING	TOPIC
1	3 rd January	Electrical Charge
2	10 th January	Current Charge / PD & Resistance
3	17 th January	Component Characteristics
4	24 th January	MINI TEST WEEK (1st- 4th)
5	31 st January	Series & Parallel Circuits
6	7 th February	Required Practical
HALF - TERM		
7	21 st February	AC Current, Cables and Plugs
8	28 th February	Electrical Power, Current and Efficiency
9	7 th March	Density & States of Matter
10	14 th March	Required Practical
11	21 st March	Change of State, Internal Energy and Specific Latent Heat
12	28 th March	Consolidation

St. John's Senior School



Subject: Physics

Form: 4th

Teacher: Mr. Beritsis, Mrs. Guerreiro

Term: Summer 2022

WEEK	WEEK BEGINNING	TOPIC
1	25 th April	Pressure & Volume / Temperature
2	2 nd May	Atoms, Nucleus and Changes in the Nucleus
3	9 th May	Alpha, Beta and Gamma & Half-life
4	16 th May	Required Practical
5	23 rd May	Radiation in Medicine
HALF - TERM		
7	6 th June	END OF YEAR EXAMS (1st- Lower 6th)
8	13 th June	Required practical
9	20 th June	Required Practical
10	27 th June	Introduction to Vectors, Scalars and Forces
11	4 th July	Consolidation