

St. John's Senior School



Subject: Physics

Form: 5th

Teacher: Mr. Beritsis, Mrs. Guerreiro

Term: Autumn 2021

WEEK	WEEK BEGINNING	TOPIC
1	6 th September	Vectors and forces between objects
2	13 th September	Moments and centre of mass
3	20 th September	Parallelogram and resolution of forces
4	27 th September	Motion - speed, velocity and acceleration
5	4 th October	MINI TEST WEEK
6	11 th October	Braking forces and momentum
7	18 th October	Required Practical and forces and elasticity
HALF - TERM		
8	1 st November	Forces and pressure
9	8 th November	Required Practical & density of different objects
10	15 th November	Nature and properties of waves
11	22 nd November	Sound waves, ultrasound and seismic waves
12	29 th November	Light, infrared, microwaves and radio waves
13	6 th December	Communications, ultraviolet waves, X-rays and gamma rays

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Term: Spring 2022

WEEK	WEEK BEGINNING	TOPIC
1	3 rd January	MOCK EXAMS (5th – 6th)
2	10 th January	MOCK EXAMS (5th – 6th)
3	17 th January	Colour and lenses
4	24 th January	Magnetic fields and electromagnets
5	31 st January	Motor effect and generator effect
6	7 th February	Alternating current and transformers
HALF - TERM		
7	21 st February	Solar system and history of a star
8	28 th February	Planets, satellites and orbits
9	7 th March	Beginning and future of the Universe
10	14 th March	Required practical
11	21 st March	Required Practical
12	28 th March	Consolidation

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WEEK	WEEK BEGINNING	TOPIC
1	25 th April	Revision practice papers
2	2 nd May	Revision practice papers
3	9 th May	Revision practice papers
4	16 th May	Exams
5	23 rd May	Exams
	HALF - TERM	
7	6 th June	Exams
8	13 th June	Exams
9	20 th June	Exams
10	27 th June	Exams
11	4 th July	Exams