

St. John's Senior School



Subject: Physics
Teacher: Mr. Beritsis, Mrs. Guerreiro

Form: 5th
Term: Autumn 2020

WEEK	WEEK BEGINNING	TOPIC
1	7 th September	Vectors and forces between objects
2	14 th September	Moments and centre of mass
3	21 st September	Parallelogram and resolution of forces
4	28 th September	Motion - speed, velocity and acceleration
5	5 th October	Braking forces and momentum
6	12 th October	MINI TEST WEEK
7	19 th October	Required Practical and forces and elasticity
HALF - TERM		
8	2 nd November	Forces and pressure
9	9 th November	Required Practical & density of different objects
10	16 th November	Nature and properties of waves
11	23 rd November	Sound waves, ultrasound and seismic waves
12	30 th November	Light, infrared, microwaves and radio waves
13	7 th December	Communications, ultraviolet waves, X-rays and gamma rays

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Term: Spring 2021

WEEK	WEEK BEGINNING	TOPIC
1	5 th January	Required practical & reflection and refraction of light
2	11 th January	MOCK EXAMS (5th – 6th)
3	18 th January	Colour and lenses
4	25 th January	Magnetic fields and electromagnets
5	1 st February	Motor effect and generator effect
6	8 th February	Alternating current and transformers
HALF - TERM		
7	22 nd February	Solar system and history of a star
8	1 st March	Planets, satellites and orbits
9	8 th March	Beginning and future of the Universe
10	15 th March	Consolidation
11	22 nd March	Required Practical

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Term: Summer 2021

WEEK	WEEK BEGINNING	TOPIC
1	19 th April	Revision practice papers
2	26 th April	Revision practice papers
3	3 rd May	Revision practice papers
4	10 th May	GCSE Exams
5	17 th May	GCSE Exams
6	24 th May	GCSE Exams
		HALF - TERM
7	7 th June	GCSE Exams
8	14 th June	GCSE Exams
9	21 st June	GCSE Exams
10	28 th June	GCSE Exams
11	5 th July	GCSE Exams