

St. John's SeniorSchool



Subject: Physics

Teacher: Mr. Beritsis, Mrs. Guerreiro

Form: 5th

Term: Autumn 2019

WEEK	WEEK BEGINNING	TOPIC
1	2 nd September	Vectors and forces between objects
2	9 th September	Moments and centre of mass
3	16 th September	Parallelogram and resolution of forces
4	23 rd September	Motion - speed, velocity and acceleration
5	30 th September	Braking forces and momentum
6	7 th October	MINI TEST WEEK
7	14 th October	Required Practical and forces and elasticity
HALF - TERM		
8	28 th October	Forces and pressure
9	4 th November	Required Practical & density of different objects
10	11 th November	Nature and properties of waves
11	18 th November	Sound waves, ultrasound and seismic waves
12	25 th November	Light, infrared, microwaves and radio waves
13	2 nd December	Communications, ultraviolet waves, X-rays and gamma rays
14	9 th December	Required practical & reflection and refraction of light

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Term: Spring 2020

WEEK	WEEK BEGINNING	TOPIC
1	6 th January	MOCK EXAMS (5th – 6th)
2	13 th January	Colour and lenses
3	20 th January	Magnetic fields and electromagnets
4	27 th January	Motor effect and generator effect
5	3 rd February	Alternating current and transformers
6	10 th February	Solar system and history of a star
HALF - TERM		
7	24 th February	Planets, satellites and orbits
8	2 nd March	Beginning and future of the Universe
9	9 th March	Consolidation
10	16 th March	Consolidation
11	23 rd March	Required Practical

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Term: Summer 2020

WEEK	WEEK BEGINNING	TOPIC
1	20 th April	Revision practice papers
2	27 th April	Revision practice papers
3	4 th May	Revision practice papers
4	11 th May	GCSE Exams
5	18 th May	GCSE Exams
HALF - TERM		
6	1 st June	GCSE Exams
7	8 th June	GCSE Exams
8	15 th June	GCSE Exams
9	22 nd June	GCSE Exams