

Yan Oi Tong Tin Ka Ping Secondary School
F.6 Physics Teaching Schedule For 2019-2020

Cycle	Period	Topics(Contents)	Teaching Activities (Experiment, Exercise, Quiz)	Progress Evaluation
		Elective 3 Energy and Use of Energy		
1-3	15	c. Renewable and non-renewable energy sources Renewable and non-renewable energy sources Environmental impact of energy consumption	Discuss with them the advantages and disadvantages of different energy sources Show them some of the models of renewable energy sources Exercises	
		Section 6 Astronomy and Space Science		
4	5	a. The universe as seen in different scales Structure of the universe	Star Observation	
5	5	The sky as seen from the Earth	Simulation software Exercises	
6-7	10	b. Astronomy through history Models of planetary motion	Simulation software Exercises	
8-10	15	c. Orbital motions under gravity Newton's law of gravitation Weightlessness Conservation of energy	Exercises	

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11-12	10	d. Stars and the universe Stellar luminosity and classification Doppler effect	Exercises	
Mock Examination after the Christmas Holiday				