

SHARJAH INDIAN SCHOOL

SYLLABUS FOR THE ACADEMIC YEAR 2018– 2019

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GRADE: 11

SUBJECT: Physics

		THEORY		PRACTICALS		
Month	Unit No.	Title of Lesson	No. of Periods	Name of Experiment / Project Planned	No. of Periods	Remarks
APRIL 17 Days	I II	Physical World & Measurement(partly) Kinematics (Partly)	44	Vernier Callipers 1 & 2	4	
MAY 23 Days	II III	Kinematics (contd.) Units and measurements(contd) Laws of Motion		Screw Gauge 1 & 2	4	
JUNE 20 Days	IV V	Work, Energy Power Motion of system of particles & Rigid body	12 18	Screw Gauge 3, Spherometer	4	Periodic test 1 Worksheet based on First term(holiday assignment)

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SEPTEMBER 16 Days	VI VII	Gravitation Properties of matter (partly)	12 10	Parallelogram Law of vectors, Principle of moments, Hooke's Law	6	
OCTOBER 23 Days	VII X	Properties of matter (contd.) Oscillations and Waves(partly)	10 17	Simple pendulum, Surface Tension	4	Half yearly examination
NOVEMBER 19 Days	X	Oscillations and Waves(cond)	17	Stoke's Law – terminal velocity Sonometer	4	Periodic test 2
DECEMBER 9 Days	VIII	Thermodynamics	12	Cooling Curve Resonance Column	4	Worksheet based on second term (holiday assignment)
JANUARY 20 Days	IX	Kinetic theory of gases Revision	8			Final Practicals for XI Model examination