INDIAN SCHOOL MUSCAT

SUBJECT: PHYSICS

Monthly Plan
Class IX

Month	Unit/ Chapter	Sub- units	Remark
APRIL	**CHAPTER: 8** MOTION	Motion in straight line- velocity and speed Uniform and non uniform motion, Acceleration (http://172.16.1.12/schcontent/science/content/9_10_Physics/src/class-9/Motion/shell.html) Graphical representation of motion Distance –time and velocity – time graphs Equations of motion by graphical method	Worksheet
MAY	**CHAPTER: 8** MOTION(contd.)	Equations for position –time relation Equation for velocity –time relation Uniform circular motion	Periodic test
	CHAPTER: 9 FORCE AND LAWS OF MOTION	First Law Of Motion Inertia, mass Second law of Motion- mathematical formulation of second law Third Law Of Motion Conservation of momentum	Worksheet
JUNE	**CHAPTER : 10** GRAVITATION	Universal law of Gravitation Free Fall Mass and weight	Worksheet
AUGUST	**CHAPTER : 10** GRAVITATION (contd.)	Acceleration due to gravity expression for g Motion under the influence of gravity, equations of motion Mass and weight Weight of object on the moon Thrust and pressure	

SEPTEMBER	**CHAPTER : 10** **GRAVITATION**	Pressure in fluids- Buoyancy Floating and Sinking	MID TERM ASSESSMENT (16-09-18)
OCTOBER	**CHAPTER : 10** GRAVITATION (contd.)	Archimedes' principle Relative density	
	CHAPTER : 11 WORK AND ENERGY	work one by a constant force Forms of energy-kinetic energy Forms of energy-potential energy	Worksheet
NOVEMBER	**CHAPTER : 12** WORK AND ENERGY	Law of conservation of energy Power- rate of doing work Commercial unit of energy	Periodic test
	CHAPTER : 12 SOUND	Production of sound Propagation of sound	
DECEMBER	**CHAPTER : 12** SOUND(contd.)	Sound as a longitudinal wave Characteristics of sound wave Speed of sound in different media Reflection of sound, Echo, Reverberation Echo , reverberation	
JANUARY	**CHAPTER : 12** SOUND	Uses of multiple reflection Range of hearing Ultrasonic sound- applications Structure of human ear	Periodic test
FEBRUARY			FINAL ASSESSMENT (10-02-19)