

GOPI BIRLA MEMORIAL SCHOOL

Grade 9 Physics

ANNUAL PLAN

Govind Yadav

MONTH	CONTENT	ACTIVITIES
April [16]	Motion	Drawing graphs and interpretation of motion from it <ol style="list-style-type: none"> 1. Displacement-time graph 2. Velocity-time graph 3. Comparing motion
June [17]	Motion	
July [21]	Force	
August [19]	Force(contd)	To establish relationship between weight of a rectangular wooden block lying on a horizontal table and the minimum force required to just move it using a spring balance.
September [8]	Revision followed by half yearly exam Gravitation	1. To verify Archimedes Principle and to determine the density of solid (denser than water) by using a spring balance and a measuring cylinder
October [19]	Gravitation(Contd)	2. To establish the relation between the loss in weight of a solid when fully immersed in <ol style="list-style-type: none"> a) tap water b) strongly salty water, with the weight of water displaced by it by taking at least two different solids.
November [14]	Work, energy and power	To observe and compare the pressure exerted by a solid iron cuboid on fine sand/ wheat flour while resting on its three different faces and to calculate the pressure exerted in the three different cases.
December [14]	Work, energy and power (Contd)	
January [18]	Sound	1. To verify the Laws of reflection of sound.

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February [12]	Sound (Contd)	2. To determine the velocity of a pulse propagated through a stretched string/slinky.