

CLASS-08

PHYSICAL SCIENCE

UNIT PLAN

CHAPTER: 01 – FORCE

PERIOD NUMBER	CONCEPTS / TEACHING POINTS	PAGES IN TEXT BOOK		REMARKS
		FROM	TO	
1.	What is force ? Identifying Push or pull	1	3	
2.	Types of forces Contact forces and field forces Muscular, friction forces	3	5	
3.	Motion of an object on an inclined plane Normal force – tension force	5	6	
4.	To find the limiting force that can be beared by a string	6	7	
5.	Forces at a distance Magnetic, electro static, Gravitational forces	7	9	
6.	Explaining of force acting at a distance Concept of field force (Magnetic field)	9	10	
7.	Net force Effect of net force acting on a table	10	11	
8.	Effects of stretched rubber bands on fingers Calculating net force from FBD	11	12	
9.	Effect of force on the direction of motion Effect of force on the state of the body Effects of net force on direction of moving object	13	14	
10.	Other effects of force Effects of force on shape of an object	14	14	
11.	Change in effect of force with area of contact Force / pressure units	14	15	
12.	Identifying effects of force	15	15	

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