

CLASS-09
PHYSICAL SCIENCE
UNIT PLAN
CHAPTER: 03 – LAWS OF MOTION

PERIOD NUMBER	CONCEPTS / TEACHING POINTS	PAGES IN TEXT BOOK		REMARKS
		FROM	TO	
1.	Experiments of scientists on motion	34	35	
2.	Life history of Galileo	36	36	
3.	First law of motion Inertia	35	38	
4.	Inertia and mass	38	38	
5.	Free body diagram (FBD)	39	39	
6.	Second law of motion Linear momentum	39	39	
7.	Net force - acceleration* Mass - acceleration	40	41	
8.	Net force – Mathematical problems	41	43	
9.	Third law of motion	43	44	
10.	Working procedure of rocket Balloon rocket experiment	44	45	
11.	Observing action and reaction forces acting on two different objects	45	45	
12.	Conservation of momentum Impulse	45	46	
13.	Isolated system Impulse	46	47	
14.	Linear momentum – Mathematical problems	47	48	

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