CLASS-09
PHYSICAL SCIENCE
UNIT PLAN
CHAPTER: 02 – MOTION

PERIOD NUMBER	CONCEPTS / TEACHING POINTS	PAGES IN TEXT BOOK		REMARKS
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1.	Motion Relative Motion is relative	15	18	
2.	Distance and Displacement Drawing displacement vectors	18	19	
3.	Average speed Average velocity And their formulae	19	20	
4.	Speed Velocity Instantaneous speed Average speed formula	20	22	
5.	The direction of motion of a body Uniform motion	22	24	
6.	Non-uniform motion	24	24	
7.	Motion of a ball on an inclined plane	24	25	
8.	Uniform circular motion Motion of object thrown into air	25	25	
9.	Acceleration Uniform acceleration Deceleration Graph showing the change in velocity	26	27	
10.	Equations of uniform accelerated motion $V = U + at$ and $V^2 - U^2 = 2aS$	27	28	
11.	Equations of uniform accelerated motion $S = Ut + \frac{1}{2} at^2$ Motion and Observations	27	28	
12.	Finding acceleration, velocity of an object moving on an inclined plane	28	29	
13.	Motion – Mathematical Problems	29	30	
14.	The formulae for the distance travelled by a body in n^{th} second	*	*	