

RD PUBLIC SCHOOL, BETUL

ANNUAL CUM MONTHLY SYLLABUS BREAKUP CLASS IX PHYSICS SESSION 2018-19				
S.NO.	MONTH	CHAPTER	TOPIC/SUB TOPIC	TEACHING AIDS/METHODOLOGY
1	M A R C H	M O T I O N	DESCRIBING MOTION, MOTION ALONG A STRAIGHT LINE, UNIFORM AND NON UNIFORM MOTION	MODULES, LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
2			MEASURING THE RATE OF MOTION, RATE OF CHANGE OF VELOCITY	MODULES, LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
3			GRAPHICAL REPRESENTATION OF MOTION, DISTANCE - TIME GRAPH, VELOCITY - TIME GRAPH	MODULES, LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
4			EQUATION OF MOTION BY GRAPHICAL METHOD	MODULES, LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
5			UNIFORM CIRCULAR MOTION, BOOK EXERCISE AND WORK SHEET QUESTIONS DISCUSSION	MODULES, LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
6		FORCE AND	BALANCED AND UNBALANCED FORCES, FIRST LAW OF MOTION	MODULES, LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD

7	J U N E	LAWS OF MOTION	INERTIA AND MASS, SECOND LAW OF MOTION AND ITS MATHEMATICAL FORMULATION	DISCUSSION METHOD, WRITING WORK ON B/C BOARD
8			REVISION OF MOTION	DISCUSSION METHOD, WRITING WORK ON B/C BOARD CLASS TEST
9			REVISION OF PERIODIC I EXAMINATIONS	
10	J U L Y	FORCE AND LAWS OF MOTION	THIRD LAW OF MOTION,CONSERVATION OF MOMENTUM	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
11			BOOK EXERSICE AND WORK SHEET QUESTIONS DISCUSSION	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
12		G R A V I T A T I O N	GRAVITATION,UNIVERSAL LAW OF GRAVITATION AND ITS IMPORTANCE	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
13			FREE FALL, TO CALCULATE THE VALUE OF 'g' , MOTION OF OBJECTS UNDER THE INFLUENCE OF GRAVITATIONAL FORCE OF THE EARTH	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
14			MASS , WEIGHT,THRUST AND PRESSURE	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
15			BUOYANCY , ARCHIMEDES PRINCIPLE, RELATIVE DENSITY	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
16			BOOK EXERSICE AND WORK SHEET QUESTIONS DISCUSSION	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
17		WORK AND ENERGY	WORK, SCIENTIFIC CONCEPTION OF WORK, WORKBN DONE BY A CONSTANT FORCE	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
18			REVISION FOR PERIODIC 2	DISCUSSION METHOD, WRITING WORK ON B/C BOARD
19	P T		REVISION FOR PERIODIC 2	DISCUSSION METHOD, WRITING WORK ON B/C BOARD
20			REVISION FOR PERIODIC 2	CLASS TEST

21	E M B W O R K A N D E N E R G	HALFYEARLY EXAM	
22		ENERGY, FORMS OF ENERGY- K.E	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
23		POTENTIAL ENERGY ,P.E OF AN OBJECT AT A HEIGHT,	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
24		LAW OF CONSERVATION OF ENERGY	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
25		DUSHEHRA VACATION	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
26		RATE OF DOING WORK , COMMERCIAL UNIT OF ENERGY	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
27	N O V E M B E R	BOOK EXERSICE AND WORK SHEET QUESTIONS DISCUSSION	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
28		DIWALI VACATION	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
29		SOUND-PRODUCTION OF SOUND, PROPOAGATION OF SOUND	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
30		SOUND NEEDS A MEDIUM TO TRAVEL, SOUND WAVES ARE LONGITUDINAL WAVES	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
31		REVISION OF PT-III	DISCUSSION METHOD, WRITING WORK ON B/C BOARD
32	D E C E M B E R	PT-III EXAMS	
33		CHARACTERISTICS OF A SOUND WAVE	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
34		SPEED OF SOUND IN DIFFERENT MEDIA, REFLECTION OF SOUND, ECHO	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
35		REVERBERATION, USES OF MULTIPLE REFLECTION OF SOUND,RANGE OF HEARING	MODULES,LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD

36	J A N U A R Y		WINTER VACATION	MODULES, LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
37		SOUND	APPLICATION OF ULTRASOUND, SONAR	MODULES, LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
38			STRUCTURE OF HUMAN EAR, BOOK EXERCISE AND WORK SHEET QUESTIONS DISCUSSION	MODULES, LECTURE CUM DISCUSSION METHOD, WRITING WORK ON B/C BOARD
39			REVISION OF MOTION	DISCUSSION METHOD, WRITING WORK ON B/C BOARD
40			REVISION OF FORCE AND LAWS OF MOTION	DISCUSSION METHOD, WRITING WORK ON B/C BOARD
41	F E B R U A R Y		OVER ALL REVISION	DISCUSSION METHOD, WRITING WORK ON B/C BOARD
42			OVER ALL REVISION	DISCUSSION METHOD, WRITING WORK ON B/C BOARD
			FINAL EXAMS	