

SUBJECT: SCIENCE			SYLLABUS FOR THE ACADEMIC YEAR 2022-2023				
OPTION: PHYSICS							
GRADE: 8							
Month	Date	No. of days	Chapter Name	Sub Topics	Class tests	PA	Term Exams
April	11-15	5	Introduction	Dignostic test	CT-1	PA-01	First Term Examination
	18- 22	5	Force and presure	Force, Effects of force			
	25 - 29	5	Force and presure	Resultant force.Contact force			
May	9-13	5	Force and presure	Non contact force	CT-2		
	16-20	5	Force and presure	Pressure			
	23-27	5	Force and presure	Pressure exerted by liquid			
	30-31	2	Force and presure	Atmospheric pressure			
June	1-3	3	Force and presure	Application of liquid and atmospheric pressure	CT-3		
	6-10	5	Friction	What is friction,			
	13- 17	5	Friction	Friction in dialy ife			
	20-24	5	REVISION				
	27-30	4	Friction	Minimizing friction			
August	29-31	3	Friction	Increasing friction			
September	1-2	2	Sound	How sound is produced	CT-4		
	5-9	5	Sound	Characteristics of sound,How sound Travel			
	12-16	5	Sound	Reflection and absorbtion of sound,Musical instrument			
	19- 23	5	Revision				
	26- 30	5	First Term Examination				
October	3-7	5	First Term Examination		CT-5		
	10- 14	5	Some natural Phenomena	Lightning,Electric charging			
	17 -21	5	Some natural Phenomena	The electroscope			
	24-28	5	Some natural Phenomena	Conductors and Insulators			
	31	1	Some natural Phenomena	Lightning Conductors			
November	3- 4	2	Reflection of light	Regular and diffused reflection,Laws of reflection	CT-6		
	7-11	5	Reflection of light	Image formed by plane mirror,Multiple reflection			
	14- 18	5	Reflection of light	Growth and Division			
	21-25	5	Reflection of light	Kaleidoscope , Uses of plane mirror			
	28-30	3	REVISION				
December	5-9	5	Refraction and dispersion of light	Refraction of light,			

January	2-6	5	Refraction and dispersion of light	Refraction by a glass slab	CT-6	PA-03	<i>Annual Examination</i>
	9-13	5	Refraction and dispersion of light	Dispersion,Lenses			
	16-20	5	Refraction and dispersion of light	Eye- Defects of eye			
	23-27	5	Refraction and dispersion of light	Care of eye. The visually impaired			
	30-31	2	The Universe	The universe,Galaxies			
February	1-3	3	REVISION		CT-7		
	6-10	5	The Universe	Stars, Planets,Constellation			
	13-17	5	The Universe	Solar system,The moon			
	20-24	5	The Universe	Other celestial objects in the solar systems			
	27-28	2	<i>Revision</i>				
March	1-3	3	<i>Revision</i>				
	6-10	5	<i>Annual Examination</i>				
	13-17	5					

