



**SANT NANDLAL SMRITI VIDYA MANDIR, GHATSILA**  
**SESSION 2025 – 26**  
**YEARLY SYLLABUS- PHYSICS**  
**STD VIII**



MON TH	WD	No of classes	TOPICS TO BE TAUGHT	ACTIVITIES	LEARNING OUTCOMES	VALUES
APRIL	21	6	Force and pressure Force, effects of force, types of force, pressure, atmospheric pressure	List common activities at home where force is used.	Learn about Force, effects of force, types of force, pressure atmospheric pressure	Strength and its proper usage.
MAY	9	3	Liquid pressure, exercises, summer vacation	_____	_____	
JUNE	11	3	Friction What is friction, cause of friction, importance of friction	To study that rolling friction is smaller than sliding friction	What is friction, factors affecting friction	Optimistic approach
JULY	26	8	Fluid friction (drag) Revision and PT 1		Importance of fluid friction	
AUGUST	24	8	Sound Musical instruments, propagation of sound, human ear, vibrations	List the audible range of some animals (dogs, cats, elephants, mice, dolphins)	Cause of sound, effects of sound, propagation of sound	Limits are important
SEPT	21	4	Revision for half yearly exams Half yearly exams	_____	—	_____
OCT	18	6	Sun stars and solar system Moon, sun, constellation and solar system PT 3	Collect information on the artificial satellites launched by India.	To know about phases of moon, solar system, and its members	Unity in diversity
NOV	23	7				
DEC	19	6	Some natural phenomena Earthquake, thundering, lightening	On a map of India locate different earthquake zones, and mark them accordingly	To know about phenomena of lightning, lightning conductors, earthquake and its importance	Safety first Positivity Optimism
JAN	22	8	Light Reflection of light, laws of reflection, color of sunlight, defects of vision	Make a poster on care of eyes	To understand Reflection of light, laws of reflection, color of sunlight, defects of vision	
FEB	22	4	Revision Annual examination	_____	_____	_____

Subject Teacher: Sushma Bishayee/ Swaraj Rana

Principal