



# BOKARO PUBLIC SCHOOL

Affiliated to CBSE, New Delhi Upto +2 Level

SEC-3/C, Bokaro Steel City - 827003

## SYLLABUS 2025-2026

**CLASS: IX**

**SUBJECT: PHYSICS (Code No. 086)**

**SUBJECT TEACHER: KEDAR KUMAR**

SL. NO	MONTH	WORKING DAY	LESSON STRUCTURE	STATUS
1	APRIL	22	Unit III: Motion, Force and Work Motion: Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion	
2	MAY	07	uniformly accelerated motion, elementary idea of uniform circular motion.	
3	JUNE	15	Force and Newton's laws: Force and Motion, Newton's Laws of Motion, Action and Reaction forces.	
4	JULY	23	Inertia of a body, Inertia and mass, Momentum, Force and Acceleration.	
5	AUGUST	22	Gravitation: Gravitation; Universal Law of Gravitation,	
3	SEPTEMBER	09	<b>REVISION</b>	
4	OCTOBER	12	Force of Gravitation of the earth (gravity), Acceleration due to Gravity;	

<b>5</b>	<b>NOVEMBER</b>	<b>20</b>	Mass and Weight; Free fall. Floatation: Thrust and Pressure. Archimedes' Principle; Buoyancy.	
<b>6</b>	<b>DECEMBER</b>	<b>19</b>	Work, Energy and Power: Work done by a Force, Energy, power; Kinetic and Potential energy; Law of conservation of energy (excluding commercial unit of Energy).	
<b>7</b>	<b>JANUARY</b>	<b>17</b>	Sound: Nature of sound and its propagation in various media, speed of sound, range of hearing in humans; ultrasound; reflection of sound; echo.	
<b>8</b>	<b>FEBRUARY</b>		<b>REVISION</b>	