

CLASS - VII

 CYCLE - 2ND

CLASSES REQUIRED	05
TOPIC	Motion & Time
CONCEPT & SKILLS	Measurement of time in ancient times, measurement of time, Unit of time, Motion, Speed, Numerical problems based on speed, Uniform and Non-Uniform motion
LEARNING OUTCOMES	Time measuring devices in ancient times (sundial, sand clock, & water clock), Modern time measuring devices (watches, clocks, digital clocks), Unit of time, Simple Pendulum, Terms related to pendulum (length, oscillation, time period, frequency, etc.), Motion (definition), Types of motion (linear, circular, oscillatory, rotator, periodic), Uniform & Non-uniform motion (definition), Speed (definition), Unit of speed, Speedometer, Odometer, Distance-Time graph
INSTRUCTIONAL TOOLS & REFERENCES	Charts, Watch, Pendulum Reference: Cordova (My World Of Science) & Ratna Sagar (Living Science).
PEDAGOGY	Discussion, Random Questioning, Explanatory, Concept Mapping, Reflective Discussion
ACTIVITY / ASSIGNMENT / RESEARCH	<ul style="list-style-type: none"> To determine the time period of a pendulum
ASSESSMENT	MCQ,s, Assignment, Skill based assignment, Random Questioning
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	<ul style="list-style-type: none"> MCQ's, Assignment, Skill based questions; Pencil Paper Test will be kept for Formative Assessment. All the topics related to the lesson will be kept for Summative Assessment