

NEW ERA HIGH SCHOOL, PANCHGANI	
PHYSICS ASSIGNMENT - I	
Unit	MOTION
Topics	State of Rest and Motion, Distance travelled and displacement, Uniform motion and Non uniform motion, Speed ,Average speed, Constant speed and Velocity
Time Line	Total: 1 week (27th April to 2nd May, 2020)
Objective	To develop critical thinking, analysis and visual thinking (look around).
Learning Outcomes	Students will be able to define state of rest, define state of motion, identify the state rest in daily life examples, identify state of motion in daily life examples, understand the concept reference point, and understand the concept of Uniform motion and Non uniform motion.
Transaction Methodology	Transaction should proceed in the following manner- <i>Introduction of the topic</i> - PPT and Digital Content on Diksha App 1. Open the Diksha App click on English Medium > Click on class 9>Under Science click on class 9 Science> Click on Lesson Motion> Watch video > After watching video click on All> Click on the Question Bank and solve questions based on what you have learnt.
Assessment of qualifying knowledge	<p>1. Multiple Assessment Activity (MCQ): Click on Multiple Choice question Motion and solve. After that write on the ruled sheet the MCQs and their correct answer as a record for Multiple Assessment</p> <p>2. Subject enrichment activity:</p> <ol style="list-style-type: none"> 1. Define state of rest with examples. 2. Give two examples in daily life of a body in the state of rest 3. Define state of motion. 4. Give two examples in daily life of a body in the state of motion. 5. Define reference point. 6. How state of rest and motion are relative in nature. 7. What type of motion, uniform or non-uniform, is exhibited by a freely falling body? Give reason for your answer. 8. Define speed and state whether speed is a scalar or vector quantity. Give reason for your choice. 9. What is the difference between distance travelled by a body and its displacement? Explain with help of diagrams. 10. Define velocity. What is the SI unit of velocity?
Submission	Students should scan the 1. Multiple Assessment Activity (MCQ) 2. Subject enrichment Activity and email on balaji.molugurvar@nehs.in on or before 2nd of May, 2020. The hard copy to be submitted as and when you report to the school. Please note the above activities are part of your Internal Assessment and is mandatory.
Resources	1. Diksha App 2. NCERT Science Text Book

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