

NEW ERA HIGH SCHOOL, PANCHGANI	
PHYSICS ASSIGNMENT - 2	
Unit	LIGHT-REFLECTION AND REFRACTION
Topic	Reflection
Time Line	1 week (3 rd May to 9 th May, 2020)
Objective	To develop scientific temper and inquisitiveness in students. Also students will be able to apply and relate learned concepts in their daily lives. Given the content (chapter) the learners will be able to describe the reflection and by drawing ray diagram.
Learning Outcomes	<ul style="list-style-type: none"> • Students will be able to compare Spherical Mirrors (concave and convex mirror) • Students will be able to draw ray diagrams for image formation by Spherical Mirrors (concave and convex mirror) • Students will be able to write uses of spherical mirrors
Transaction Methodology	<p>Transaction should proceed in the following manner-</p> <p>1. Open the Diksha App click on English Medium > Click on class 10>Under Science click on class 10 Science> Click on Lesson Light-Reflection & Refraction> Click on Light Reflection And Refraction> under classroom teaching video watch video of Light Reflection and Refraction Part I > After watching video Under Reading material click on Power Point On Image Formation by Spherical Mirrors and read thoroughly> Click on the Question Bank and solve very short questions based on what you have learnt in the Physics notebook</p>
Assessment of qualifying knowledge	<p>1. Multiple Assessment Activity (MCQ): Under question Bank in Diksha App click on Multiple Choice question – Light this has 8 questions. Please solve and write on the ruled sheet the MCQs and their correct answer as a record for Multiple Assessment.</p> <p>2. Subject Enrichment Activity: To draw the images of an object formed by a convex mirror, when placed at various places.</p>
Submission	<p>Students should scan the 1. Multiple Assessment Activity(MCQ) 2. Subject enrichment Activity and email on shivaji.shinde@nehs.in on or before 9th of May, 2020.</p> <p>For any queries you may contact me on 9423033805 between 9:00am to 5:00 pm 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.</p>
Resources	<ol style="list-style-type: none"> 1. Diksha App 2. NCERT Science Text Book

Regards
Mr. Shinde