

<b>NEW ERA HIGH SCHOOL, PANCHGANI</b>	
<b>PHYSICS ASSIGNMENT - 3</b>	
<b>Unit</b>	<b>LIGHT-REFLECTION AND REFRACTION</b>
<b>Topic</b>	Reflection
<b>Time Line</b>	1 week (11 <sup>th</sup> of May to 16 <sup>th</sup> of May, 2020)
<b>Objective</b>	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.
<b>Learning Outcomes</b>	<ul style="list-style-type: none"> <li>• Students will be able to compare Spherical Mirrors (concave and convex mirror)</li> <li>• Students will be able to draw ray diagrams for image formation by Spherical Mirrors (concave and convex mirror)</li> <li>• Students will be able to write uses of spherical mirrors</li> </ul>
<b>Transaction Methodology</b>	<p>Transaction should proceed in the following manner-</p> <p>1. Open the Diksha App click on English Medium &gt; Click on class 10&gt;Under Science click on class 10 Science&gt; Click on Lesson Light-Reflection &amp; Refraction&gt; Click on Light Reflection And Refraction&gt; under classroom teaching video watch video of Light Reflection and Refraction Part I &gt; After watching video Under Reading material click on Power Point On Image Formation by Spherical Mirrors and read thoroughly&gt; Click on the Question Bank and solve short questions based on what you have learnt in the Physics notebook.</p>
<b>Assessment</b>	<p><b>1. Multiple Assessment Activity:</b> Under Reading Material in Diksha App click on Power Point On Image Formation By Spherical Mirrors. After going through the PPT please write tables summarizing the various characteristics of image obtained by concave and convex mirror when placed at different positions. Please do the activity on the ruled/blank sheet as a record for Multiple Assessment.</p> <p><b>2. Subject Enrichment Activity:</b> Write four rules for drawing ray diagrams in case of concave mirror and four rules in case of convex mirror. Also draw the diagrams for the same.</p>
<b>Submission</b>	<p>Students should scan the 1. Multiple Assessment Activity &amp; 2. Subject Enrichment Activity and email it on <a href="mailto:shivaji.shinde@nehs.in">shivaji.shinde@nehs.in</a> on or before 16th of May, 2020.</p> <p>For any queries you may contact me on 9423033805 between <b>9:00am to 5:00 pm</b></p> <p>The hard copy to be submitted as and when you report to the school.</p> <p>Please note the above activities are part of your Internal Assessment and is mandatory.</p>
<b>Resources</b>	<ol style="list-style-type: none"> <li>1. Diksha App</li> <li>2. NCERT Science Text Book</li> </ol>

**Regards**  
**Mr. Shinde**