

Class/Section - VI
Subject - SCIENCE
Chapter - 11 (Light, Shadows and Reflections)

Gist Of The lesson	Targeted learning outcomes (TLO)	Teaching learning activity Planned	Questions on TLOs, HOTS & correlation with other subjects	Content skills to be developed	Suggested activities to inculcate life skills	Strategies to evaluate life skills
-Luminous object -Transparent and opaque and translucent objects -Shadows -Pin hole camera -Mirror and reflection -Path of light	-To understand basic concept of: Luminous object -Able to differentiate between transparent opaque and translucent object -Basic knowledge of reflection	Activity Use objects/ examples like torch, candle/ sun star ball mirror etc. to explain luminous and non-luminous objects Activity Show different shadows by using light and hands Activity Showing light travels along a straight line with help of candle and pipe. Activity Showing that mirror reflects a beam of light	Level 1 (Questions) Q Can shadow be formed in completely dark room? Explain. Q A pinhole camera is based on the property of light travelling in _____ lines. Q Polished surfaces produce _reflection which causes glare in our eyes. Level 2 (Questions) Q Differentiate between opaque transparent and translucent material. Level 3 (Questions) Q What are luminous object? Q Write True or False against each of the following statement-	Decision making	Giving different types of objects to students and ask them to identify whether object is transparent or translucent or opaque.	Q How can we see objects? Q when we can call any object transparent opaque or translucent Q Does shadow tells us about the right shape of any object.

			1. The moon is a natural source of light. 2. Bouncing back of light from shining surfaces is called reflection. 3. In lateral inversion, image because inverted. 4. We can see clearly through transparent as well as translucent objects. 5. To get a shadow, we need both sources of light and an opaque object.			
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