Topic: Interaction of Light with Matter Grade 8

Activity 1: Match the picture to its description






Reflection | Opaque | Transparent | Transluscent

Activity 2: Match the Interactions of light






Transmission | Reflection | Absorption

Activity 3:
Calculate the speed of light travelling from its source over a distance of 100m in 0,01 s.

A. 100 m x 0,01 s = 1 m/s
B. 100 m x 100 m = 10000 m
C. 100 m ÷ 0,01 s = 10 000 m/s
D. 0,01 s ÷ 100 m = 0,0001 m/s

LIVEWORKSHEETS