

Name of the activity- Rectilinear propagation of light .

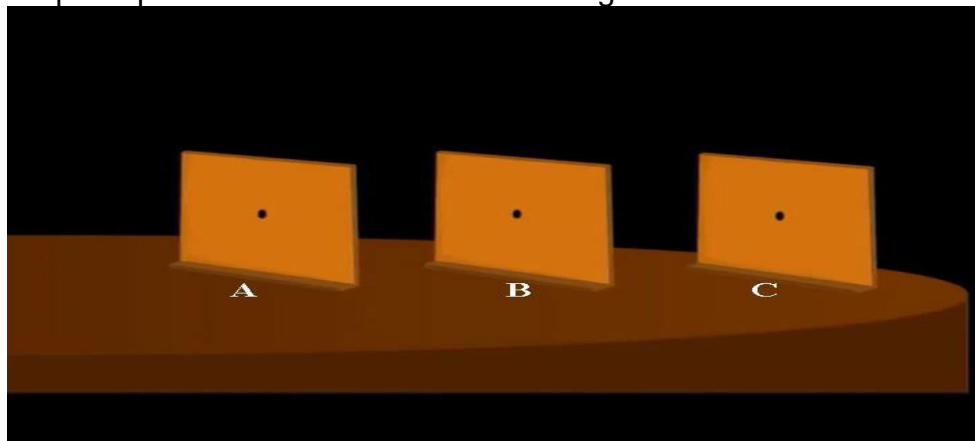
Topic- Rectilinear propagation of light.

Type of the activity- Group

Material required -Three card-boards provided with holes, candle.

Details of the activity and detailed instructions to carry it out-

Step 1 :- place two cardboards in the straight line .

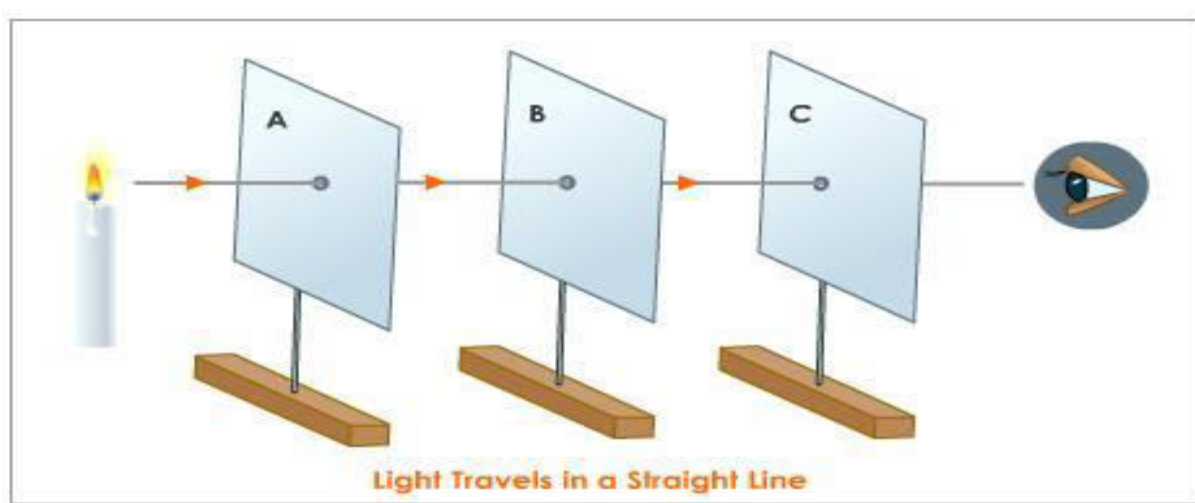


Step 2 :- place a source of light in front of one cardboard.

Step 3 :- ask the students to see the light through the holes.

Step 4 :- now place the third cardboard and try to see the source of light .

Step 5 :- At last align all the cardboards in the straight line and then ask the student to see through the holes.



Explanation of the outcome of the activity-

As soon as the screens break the alignment, the flame does not appear to our eyes. This can only be possible if light travels in straight line and not in a zigzag way.

Objective of the assessment of the learning-

Able to conceptualize the phenomenon related to rectilinear propagation of light such as reflection and at later stages refraction, dispersion and working of optical instruments.