<ol> <li>Fill in the blanks using the right bracket.</li> </ol>	nt words from the
( straight, beam, refraction, give enters )	s, prism, reflection,
Light source is an object that	off light.
A band of light is called	of light.
We can see a light source when source into our e	
Light travels through a	path.
Bouncing of light from a shiny su	urface is called
When light moves from one med changes its direction which is ca of light.	
When white light passes through it separates into different colors	
2. Explain how the boy in the pic	cture below can see



the ball.



translucent or opa	ique.	
Air		
Water		
Cardboard	<u> </u>	
Frosted glass		
Wood		
Wax paper		
Ceramic		
Clear glass		
Flash light	Opaque object	Scree
State what will light is moved	20 19	ow if the f object.
A. State what wil	object Il happen to the shad closer to the opaque	ow if the f
A. State what wil	object Il happen to the shad closer to the opaque	ow if the f
A. State what will light is moved  B. State what will state where we will state with the well state where we will state with the weak will state where we will state with the weak will state where we will state with the weak will state where we will state with the weak will state where we will state with the weak will be state where we will state will state where we will state with the weak will state with the	object II happen to the shad closer to the opaque	ow if the f

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PAGE 1



5. A signpost stand seen in the picture with its shadow. Explain why its shadow changes throughout the day.



 •••

6. Explain why the eye in the picture below sees the apple in red color.



Sur



Eye



Red apple

7. The disc in the picture is called Newton's Disc. It is painted into different colors. State what will happen if the disc will be rotated around its center at very high speed?



8. State whether following expressions are true or
false.
If an object reflects little or no light it is seen in black.
If an object reflect all the light and absorbs very little,
it is seen in white
If we wear white clothes in a sunny day in summer
that will help us to stay cool
Transparent objects don't allow light to pass through
them
Translucent objects allows light partially to pass
through them
Light travels at different speeds in different mediums.

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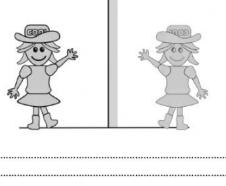
PAGE 2



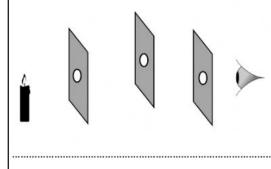
9. When a pencil is placed in a glass of water it looks as if it is bent. State what is the reason for that.



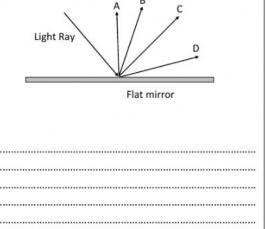

10. Formation of an image on the plane mirror is illustrated below. Write down the characteristics of an image that is formed on a plane mirror.




11. Cardboards with holes placed between the eye and candle. Explain why the eye in the picture can not see the light from the candle.



12. A light ray is seen in the diagram as it hits the surface of a flat mirror. Which one of the lines A, B, C or D could represent the route that the light ray will travel after it is reflected? Give a reason for your answer.



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