



THE VILLAGE
INTERNATIONAL SCHOOL
"We Nurture Dreams"

Worksheet 1

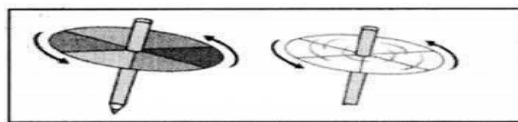
- The path of the light is always
 - straight line
 - curved line
 - zig zag line
 - depends on the medium.
- Which of the following mirrors shows lateral inversion?
 - concave mirror
 - plane mirror
 - convex mirror
 - All of the above
- Which letter's image on a plane mirror will not be inverted sideways?
 - L
 - P
 - W
 - B



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Worksheet 2

- Shreya spins a multi-coloured wheel rapidly. What colour will the rapidly spinning wheel appear to be?



- pink
 - blue
 - white
 - Green
- Arjun and Arun were given one mirror each by their teacher. Arjun found his image to be erect and of the same size whereas Arun found her image erect and small in size. This means that the mirrors of Arjun and Arun are, respectively
 - plane and concave mirror
 - plane and convex mirror
 - concave and convex mirror
 - convex and plane mirror



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Worksheet 3

1. If an object is placed at a distance of 0.5m in front of the plane mirror, the distance between the object and the image formed by the mirror will be
- d. 2m b. 0.5m
c. 0.25m **d. 1m**
2. You are provided with a concave mirror, convex mirror, concave lens and convex lens. To obtain the enlarged image of an object you can use either
- e. concave mirror or convex mirror b. concave lens or convex lens
c. concave mirror or convex lens d. concave mirror or concave lens

Which of the following can be used to form a real image?

- (a) Concave mirror only
(b) Plane mirror only
(c) Convex mirror only
(d) Both concave and convex mirrors



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Worksheet 4

1. Uneven surfaces show reflection.
2. Incident ray, the reflected ray and lie in the same
3. Laws of is applicable in playing back shots in the carroms.
4. Changing of right side to left is called
5. The inner surface of a steel spoon acts as a mirror.

