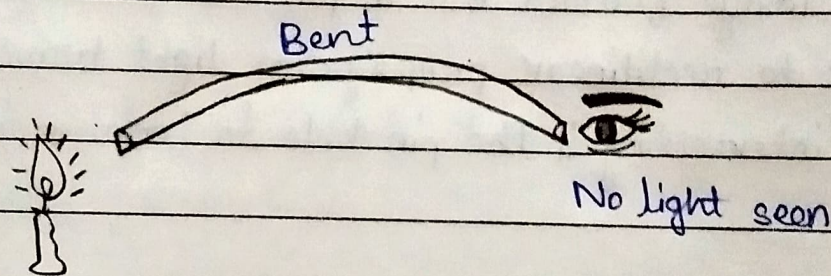
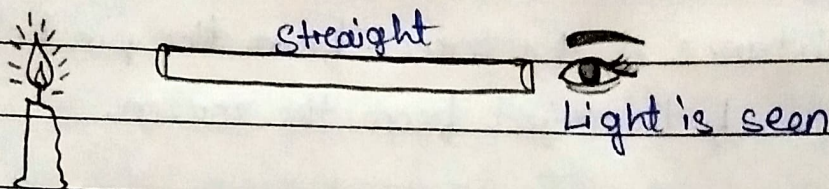


ACTIVITY - 2

Place a lighted candle on a table. Take a drinking straw. Close one eye and look at a candle flame through the straw from the other eye. The flame is clearly visible. Now bend the straw in the middle and again look at the candle flame through the straw. The flame is not visible now. The reason is that light travels in straight path. So when straw was bent the light couldn't reach our eyes.

Activity 3

Take 3 square cardboard A, B and C each of them with side 5cm. Take a pin and make a small hole in each cardboard at the same height. Suspend the cardboard pieces by separate threads vertically from a support such that each hole is at same height. Place a luminous body near one of the cardboards. Look

at the candle from the other end. The flame can be seen clearly visible. Now slightly displace one of the card-boards so that it no longer remains in straight line. Again look at the candle. You don't see the flame. This shows us that light travels in straight line.

