

Activity-2

place a lighted candle on a table. take a drinking straw. Close one eye and look at the candle flame through the straw from the other eye. The flame is clearly visible [Fig. 5.11 (a)].

Now bend the straw in the middle and again look at the candle flame through the straw [Fig. 5.11 (a)]. The flame is not visible now. the reason is that lights travel in a straight ^{line} path. When the straw is bent, the light of the candle flame does not reach our eye.

Activity-3

Take three square cardboard A, B and C each of side about 5cm. Take a pin and make a small hole in each cardboard pieces by separate threads vertically from a support such that each hole is at the same height, as shown in fig. 5.12(a). Pass a string through the holes and pull it taut. This makes the three holes to ~~be~~ ~~and~~ be in a ~~str~~ straight line. Now take out the string.

place a lighted candle near ~~at~~ one of the cardboards (say A). Look at the



Candle flame from the other side of the
candleboard C. The candle flame is clearly
visible [Fig. 5.12 ca].

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