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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. 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 a straight ~~line~~ path. When the straw is bent the light of the candle flame does not reach our eye.

Activity 3

Take 3 cardboard A, B, C each side is about 5 cm. Make a hole using a pin in each cardboard at a same height. Then place the cardboard in the same height and pass a string, this make the hole ~~straight~~ to be in a straight line.

place a lighted candle near one of the cardboard and look at the candle flame. The candle flame is clearly visible.

Now slightly displace one of the cardboards so that the holes no longer remain in a straight line again look at the candle flame you can't see the candle flame. The reason is that light travels in a straight line and now the holes in the cardboards A, B, C are not in a straight line therefore the flame is not visible.

Activity 2

straight straw



lighted candle

a

curve straw



lighted candle

b

Activity - 3

a



Light can be seen

b



Light can't be seen



lighted candle



lighted candle

