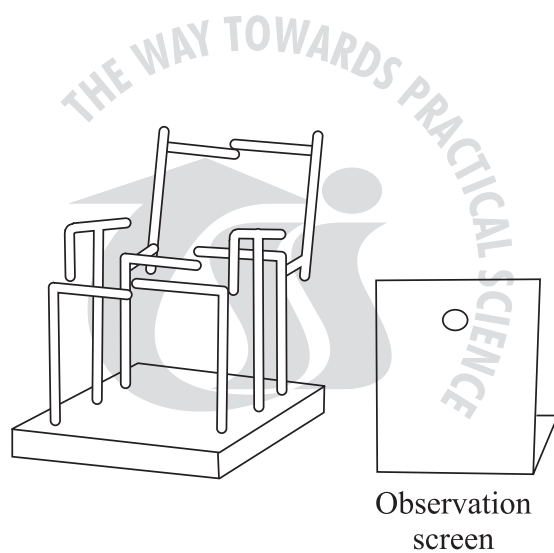


## DEPTH PERCEPTION

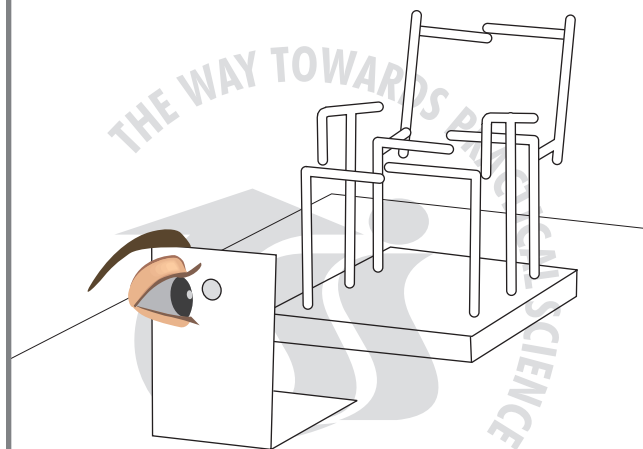
Can you see 3 dimensional image with one eye?

### Assembly

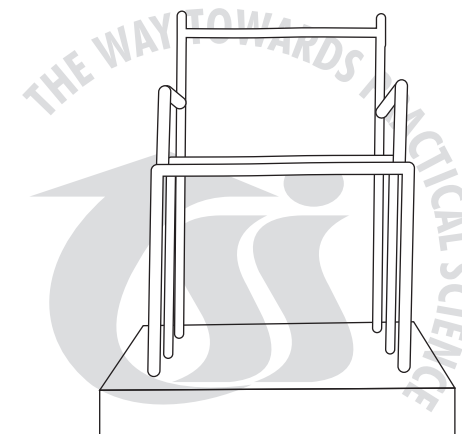
Consists of 3 set of red & blue colored plastic rods arranged in different shapes. These are fixed on a red colored metal base at suitable distance. An observation screen with a peep hole which is blue in color is provided with the assembly.



### To do and observe



- Look at the assembly
- You will observe that the rods are in different planes and it looks like an abstract object.
- Now place the assembly on a table, also place the observation screen at a suitable distance in front of the assembly.
- Look through the peep hole with one eye.
- Now you will see a definite object which looks like a chair.



### What is going on ?

We cannot perceive the depth of an object with one eye. Vision with both eyes is required to feel the third dimension of the object.

### Followup :

1. With one eye closed try walking on floor (choose uneven surface)
2. Hold the two pens at different distances in front of your eyes. See them first with both the eyes and then with one eye closed. Notice the difference.
3. Try to catch the ball approaching you with one eye closed.





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# DEPTH PERCEPTION

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DHARWAD

Phone : 0836-2775204

Cell : 94482 31960