

## Optical illusion and our brain

### Worksheet 1

1. How do we see? Go to

<http://www.childrensuniversity.manchester.ac.uk/interactives/science/brainandsenses/eye/>

to go on a journey inside the human eye.

2. What are optical illusions? What types of illusions do you know? Do you know any optical illusions that occur in the natural world? Go to <http://www.scientificamerican.com/article/what-causes-a-mirage/> and read about mirage.

What is it and what causes it?

3. Do you think that the optical illusions are caused by the eye or by the brain ?

<http://phys.org/news145621013.html>

<http://abcnews.go.com/Health/EyeHealth/optical-illusions-eye-brain-agree/story?id=8455573>

❖ What is the difference between an optical and a visual illusion?

❖ Can you give examples of optical illusion?

❖ What are other examples of real life illusions?

4. Have a look at some of the best visual illusions:

<http://www.optics4kids.org/home/content/illusions/>

<http://illusionoftheyear.com/2009/the-break-of-the-curveball/>

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