

DAY 12

HALF AN EINSTEIN

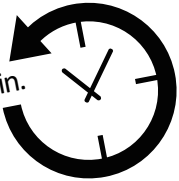


optical illusions

Today's experiment



10 min.



10 min.



More science info:

Today we investigate an optical illusion of visual perception using just a simple stick and half a picture. What you see in the experiment demonstrates how our brain helps a partial reality to become a full one. Our eyes take photographs of the world around us and our brain unites the images to create a 'movie'. Our eyes are not able to follow very rapid changes. That is why when we roll the stick very quickly in our hands, we are actually thinking that we see both parts of Einstein unite into one image. Movies use the same principle. The movie screened is in fact a very long sequence of photos that change very rapidly without our brain noticing the short intermissions between them. And so, we interpret it as one continuous motion. The rate of exchange of photos commonly used in movies is 24 photos/pictures per second.

The box Goodies:

- Half an Einstein print outs - 2pcs
- Skewer
- Glue



SCIENCE

