

Your Eyes See It!

Science Experiment

Question: Does it help to see with two eyes instead of only one?

My Guess: (What I think will happen?):

Materials: A coin (penny or quarter), an empty plastic cup-type of container or small juice cup without a lid. Draw your findings below.

What I do: (Procedure): Use one eye instead of two to judge distance.

1. One person places a cup on a table and holds a penny over the cup about 18-30 inches above the surface. This person moves the penny around over the top of the cup. The object is to drop the penny in the cup when the other person watching tells them to do so.
2. The other person judges the distance over the cup by closing on eye. No cheating!
3. With one eye closed the person instructs the other (with penny) when to drop the coin.
4. What happens? (Try this with both eyes opened.)

What Happened with one eye closed?

What happens when you use two eyes?

Why did it happen? (Conclusion) Your sense of sight helps you with depth perception. It is better to use two eyes instead of just one for this reason. If you try to walk around with one eye closed you will see how true this is.