The Disappearing Coin

2 Corinthians 5:7
ITEMS NEEDED

- Clear drinking glass
- Saucer
- Water
- Penny
Procedure

- Set a penny on a flat surface like a table or counter.

- Place the base of a clear drinking glass over the penny.

- Cover the mouth of the glass with a small saucer. Looking in through the side of the glass, you can still see the penny.
Now, tilt the saucer back and fill the glass with water.

Once you’ve filled the glass, replace the saucer. Can you still see the penny through the side of the glass? It’s disappeared!

Take the saucer off of the mouth of the glass. Peer straight to the bottom of the glass through the water. What do you see?
HOW DOES IT WORK?

The trick behind the Disappearing Money experiment is the refraction of light. Images that we see are all light rays that reach our eyes. When these light rays travel through air, they experience little or no refraction. That’s why you can still see the penny through the side of the empty glass.
When you poured water into the glass, it was as though the penny had disappeared, but it was really just some bending light rays. After traveling through the water and the side of the glass, none of the rays were able to reach your eyes. Refraction occurs because of the molecules in the substance that the light rays are passing through. Gas molecules are spread out. This is why little to no refraction occurs. However, when light rays pass through a substance such as water, the refraction is greater because the molecules are closer together.
So when the light rays are traveling from the money through the water, they are refracted and cannot make it to your eyes. In fact, the glass also refracts the light even more! The image ends up being projected near the top of the glass after the light refraction it has undergone. You would be able to see it... if the saucer were not strategically placed atop the glass.

- See more at: http://www.stevespanglerscience.com/lab/experiments/disappearing-money-sick-science#sthash.nDYFh0bl.dpuf
What lesson can we learn?

For we walk by faith, not by sight.
2 Corinthians 5:7

So then faith cometh by hearing, and hearing by the word of God.
Romans 10:17

By faith he [Moses] forsook Egypt, not fearing the wrath of the king: for he endured, as seeing him who is invisible.
Hebrews 11:27
Sometimes we may not feel that we can see God, but he is still there, invisible as it were, but just as solidly present and ready to help us in our lives each day. We walk by faith and faith is grounded in the word of God, not in what our senses can perceive. If we depend upon our senses, we will surely be deceived, but thank God that we have something much more dependable than our senses, the word of God.