

Dancing Coin



Take an empty glass bottle. Apply a few drops of water on the mouth of the bottle and cover it with a one-rupee coin. Then put your hands around the bottle and hold it for half a minute. The coin will begin to jump up and down. This shows that air expands when heated. When you hold the bottle with your hands, the cold air in the bottle becomes warmer. Warm air expands and comes out of the bottle and makes the coin dance.