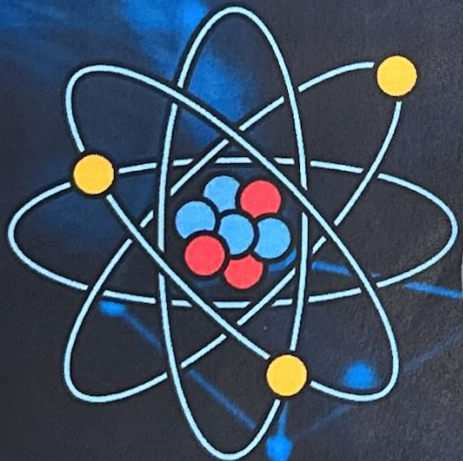


# DEMOCRITUS

## Discovery

Around 400 B.C., Democritus introduced the idea of the atom itself. He suggested that all matter was formed with different types of tiny particles (atom) and that the properties of these particles also determined the properties of matter. He also thought of an early form of the conservation of energy. In his theory atoms are eternal and so is motion. He believed that atoms were specific to the object they made up, and had different sizes. He created the first atomic model which was just a sphere.



The newest atomic model in comparison to Democritus's first model



Democritus "The Laughing Philosopher"

## Philosophy

Democritus was known as the laughing philosopher since he was always cheery. He believed the universe was created with small atoms colliding together to create the world. This left no room for the other beliefs of divine intervention creating the universe.