

VI. And.....Some comparisons that have been suggested:

Apple

1) If an **atom** were the size of an **apple**, the apple would be the size of **earth**.

If an **atom nucleus** were a ping pong ball, an **atom would be over a mile wide**. ** So, your oxygen atom model you made for the H₂O in the ceiling, should be about mile wide.

3) Scientists use advanced technology to explore electrons and quarks that are at least 9,000 times smaller than a nucleus. They study these smaller things without seeing them directly.