

All About Atoms

Name _____
Period _____
Date _____

- _____ are the basic _____ of _____ that make up everyday objects. A desk, the air, even you are made up of _____!
- There are _____ occurring kinds of _____. Scientists have been able to _____ about _____ more.
- Atoms are made out of _____ basic particles.
- _____ -- carry a _____ charge
- _____ -- carry _____ charge
- _____ and _____ join together to form the _____ -- the _____ part of the _____.
- _____ -- carry a _____ charge and _____ the _____

Click on the proton

- In 1968, scientists discovered new _____ inside the _____. They called these _____.
- There are _____ in each _____. The _____ are held to each other by other _____ called _____.

Click on the neutron

- Scientists discovered the _____ in 1932.
- In 1968, scientists discovered new _____ inside the _____. They called these _____.
- There are _____ in each _____. The _____ are held to each other by other _____ called _____.

Click on the nucleus

- The _____ is the _____ of the _____. It was discovered in _____, but it took scientists another _____ years of _____ to identify its parts.

Click on the electron

- _____ are extremely _____ and very _____. It is easy to _____ off of _____ and use them for _____ power and in devices like _____ sets.
- _____ can be used to probe inside of _____. Higher energy _____ can _____ smaller _____ inside of _____. Scientists learn about the _____ of _____ by watching how _____ off the _____, and by how the _____ as a result of being hit by an _____.

Click on Fun Facts

- _____ electron(s) = _____ proton(s)
If an _____ weighed the same as a _____, a _____ would weigh the same as a _____ of _____.

