

Atoms Family Album

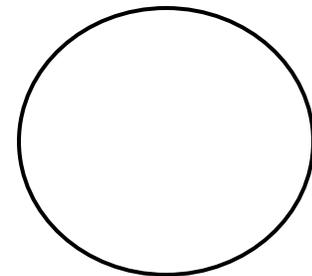
Glue this side
down into your
science notebook.

“A dot is a lot!”

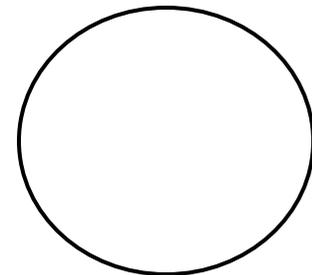
This handout is a slightly modified version of the activity posted on: <http://www.sciencespot.net/Pages/classchem.html#Anchor-47857>

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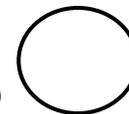
In the center of Matterville, there is a place called the **Nucleus** Arcade, where two members of the Atoms Family like to hang out. Perky Patty **Proton**, like her sisters, is quite large with a huge smile and eyes that sparkle (+). Patty is always happy and has a very **positive** personality.



Nerdy Nelda **Neutron** is large like Patty, but she has a boring, flat mouth and eyes with zero expression (o). Her family is very apathetic and **neutral** about everything. Patty, Nelda, and their sisters spend all their time at the **Nucleus** Arcade.



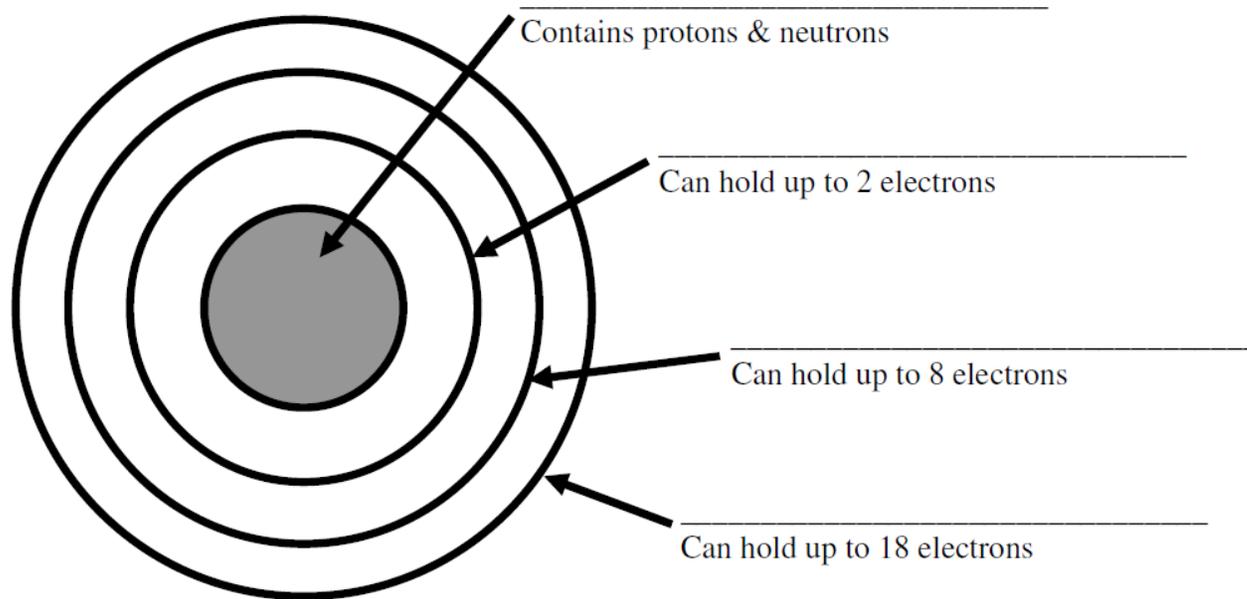
Around the Nucleus Arcade, you will find a series of roadways that are used by another member of the Atoms Family, Enraged Elliott **Electron**. Elliott races madly around the **Nucleus** Arcade on his bright red chrome plated Harley-Davidson. He rides so **fast** that no one can be sure where he is at any time. Elliott is much smaller than Patty and Nelda and he is always angry because these bigger relatives will **not let him in the Nucleus Arcade**. He has a frown on his face, eyes that are squinted with anger, and a very **negative** (-) attitude.



The first energy street can only hold **two** Electron brothers. The second energy street, called the Energy Freeway, can hold **8** brothers. The third energy street, called the Energy Superhighway, can hold up to **18** of the brothers.

The morale of Matterville is stable as long as each negative Electron brother is **balanced** out by one positive Proton sister. The number of residents in Matterville depends on the Proton and Neutron families.

Matterville



The Atoms Family Song

1st Verse:

They're tiny and they're teeny,
Much smaller than a beany,
They never can be seeny,
The Atoms Family.

Chorus

2nd Verse:

Together they make gases,
And liquids like molasses,
And all the solid masses,
The Atoms Family

Chorus

3rd Verse:

Neutrons can be found,
Where protons hang around;
Electrons they surround
The Atoms Family.

Chorus

Chorus:

They are so small.
(Snap, snap)
They're round like a ball.
(Snap, snap)
They make up the air.
They're everywhere.
Can't see them at all.
(Snap, snap)