

Introducing Atoms

Lesson Title: Static Electricity 1: Introducing Atoms

Page 1 of 2

Name: _____

Explore the following Web pages to understand more about the structure and characteristics of atoms.

- Structure of Matter (<http://www.thetech.org/exhibits/online/topics/51a.html>)—Read Intro and Atoms.
- All About Atoms (<http://education.jlab.org/atomtour/whatareatoms.html>)—This resource has only a couple of pages to it. You can click on a particle to learn more about it.

As you explore the webpages, answer these questions. Be prepared to discuss your answers with the class.

1. What makes the elements in the Periodic Table different?
2. What is the name for the center of the atom containing the protons and neutrons?
3. What kinds of electrical charges do protons, electrons, and neutrons have?
4. What does it mean if an entire atom has a neutral charge?

