

Room \_\_\_\_\_ Block \_\_\_\_\_ ID# \_\_\_\_\_

Name \_\_\_\_\_

Teacher \_\_\_\_\_

Date: \_\_\_ / \_\_\_ / \_\_\_

Period \_\_\_\_\_

BNPOO

# Atoms and Molecules



While watching, complete this video guide.

Three things I knew  
that were confirmed in  
the video:

A- \_\_\_\_\_

B- \_\_\_\_\_

C- \_\_\_\_\_

Three things I didn't know  
but I now know because I  
watched the video.

A- \_\_\_\_\_

B- \_\_\_\_\_

C- \_\_\_\_\_

- \_\_\_ Δ 1. If we break matter down enough, it is only made of only a few / many things.
- \_\_\_ Δ 2. Atoms cannot be \_\_\_\_\_ apart.
- \_\_\_ Δ 3. The nucleus is in the \_\_\_\_\_ of the atom.
- \_\_\_ Δ 4. The flow of neutrons / electrons from one atom to another is called electricity.
- \_\_\_ Δ 5. Atoms are mostly \_\_\_\_\_ space.
- \_\_\_ Δ 6. All \_\_\_\_\_ is made of atoms.
- \_\_\_ Δ 7. Atoms combine to form \_\_\_\_\_.
- \_\_\_ Δ 8. A scientist can separate water into hydrogen and oxygen gas by running \_\_\_\_\_ through it.
- \_\_\_ Δ 9. Different atoms have different numbers of \_\_\_\_\_.
- \_\_\_ Δ 10. Elements are arranged in alphabetic / atomic number order on the periodic table.
- \_\_\_ Δ 11. The atomic number represents the number of \_\_\_\_\_ in an atom.
- \_\_\_ Δ 12. A(n) \_\_\_\_\_ physicist studies what's inside of atoms.
- \_\_\_ Δ 13. To smash an atom and separate the neutrons, you must aim a(n) \_\_\_\_\_ at the nucleus and accelerate it really fast.
- \_\_\_ Δ 14. Everything / a few things in the universe is made of either matter or energy.
- \_\_\_ Δ 15. \_\_\_\_\_ atoms are in every living thing.