

# NOTES: Atomic Structure

## Activity: Blinded By Science

Property	Your thoughts about the object in your container. How did you determine this guess?
Size	
Shape	
Material	

1. What was challenging about this activity?

\_\_\_\_\_

2. Did you determine what was in your container? Why or why not?

\_\_\_\_\_

\_\_\_\_\_

## Atom Notes!

### What is matter?

1. Anything that \_\_\_\_\_ and \_\_\_\_\_ is matter.

### The Atom

2. Atoms are the \_\_\_\_\_ that make up all \_\_\_\_\_.

3. An atom is the \_\_\_\_\_ of an \_\_\_\_\_ that keeps the properties of \_\_\_\_\_.

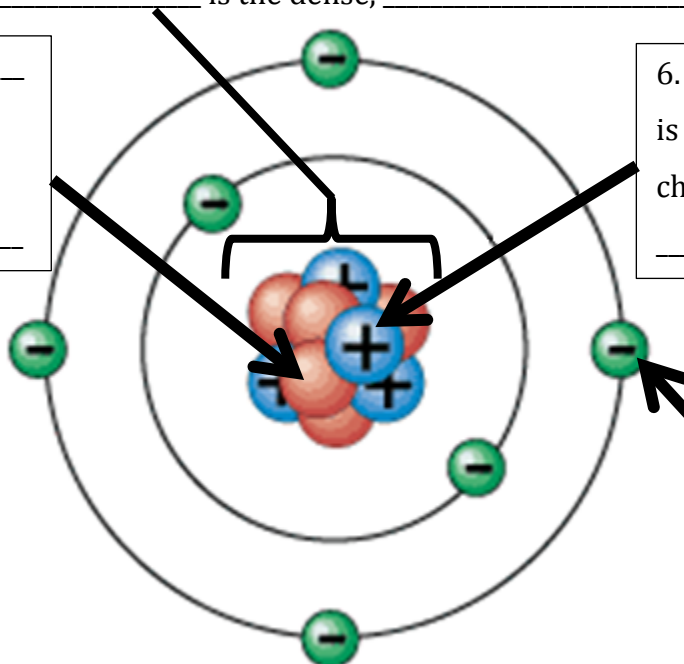
### Inside the Atom...

4. All atoms are made of the same 3 \_\_\_\_\_ (smaller than an atom)

\_\_\_\_\_: \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_

5. The \_\_\_\_\_ is the dense, \_\_\_\_\_ of an atom.

7. A \_\_\_\_\_ is a particle in the \_\_\_\_\_ that has \_\_\_\_\_



6. A \_\_\_\_\_ is a \_\_\_\_\_ charged particle in the \_\_\_\_\_ of an atom.

8. An \_\_\_\_\_ is a small, \_\_\_\_\_ - \_\_\_\_\_ particle always moving **outside** the nucleus. Found in an area called the \_\_\_\_\_