

Bill Nye Biochemistry Intro Notes

Do NOW:

- A. Sketch what you think an atom looks like.

- B. What is the basic unit of matter? (They are found in everything).

- C. What is matter?
 1. The word "atom" comes from...

 2. In the middle of the atom are very _____ particles, and around the outside are very _____ particles.

 3. What is in the nucleus of the atom? What charges do the particles have?

 4. The atom is mostly _____.

 5. An electron weighs _____ of the particles in the middle. This is why we call it a point particle, because it has very little mass and no known subparticles.

 6. How many atoms could you put on the head of a pin?

7. Sketch the structure of the water molecule

Bill Nye Biochemistry Intro Video Notes 2

1. What is a molecule?
2. What makes one atom from another?
3. Scientists have grouped elements into groups called _____.
4. What is the number of protons in an atom called? Where do you find it on the periodic table?
5. What is the formula of salt?
6. What is the formula of sugar? (glucose)
7. Is energy made up of atoms?
8. Everything in the universe is either _____ or _____.
9. Give some examples of types of energy.
10. All matter is made of _____ and _____.
11. Which element is in every living thing?