WHAT YOU KNOW… Worksheet

1. If an atom loses an electron what is it called?

**Cation**

1. If an atom gains an electron what is it called?

**Anion**

1. Musical glass worksheet and demonstration in class. What happens when you increase water? What happens when water is decreased?

**When water is increase frequency decreases results in lower pitch sound. When water is decrease frequency increases resulting in a higher pitch sound.**

1. Why is water called a universal solvent?

**Water is called a universal solvent because more substances dissolve in water than any other chemical.**

1. Number of atoms in a water molecule?

**2 hydrogens: 1 oxygen**

**Total of 3 atoms**

1. Which atom is more electronegative hydrogen or oxygen?

**Oxygen is more electronegative**

1. Why is water a good solvent?

**Because it allows other substance to become part of it.**

1. How does table salt dissolves?

**NaCl (table salt) break apart when mix with water(H2O).**

**Na+ (positive) is attracted to O- (negative), and Cl- (negative) is attracted to H+ (positive).**

1. What is water surface tension?

**The ability of water molecule to pack tightly. This happens because of the positive and negative charges.**

1. How does water create droplets?

**Positive and negative charges allow water molecules to attract each other. Reason why you see droplets form.**