**Matter Graphic Organizer (Study Guide for Friday’s Quiz) Parent Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Suspension: a mixture that separates upon standing**

**Ex: oil & water**

**Ex:**

**Element: A substance made of one type of atom and cannot be broken into a simpler substance.**

**Ex: oxygen, iron, silver, gold**

**Compound: A substance made up of more than one type of atom (element) that is chemically bonded.**

**Ex: Water (H2O), Salt (NaCl), sugar (C12H22O11)**

**Substances: any element or compound (the components of a compound are chemically bonded) Can’t easily be separated…has to be separated chemically**

**Ex: Hydrogen, Water (H2O)**

**Solution: evenly mixed**

**Ex: salt water, soda**

**Ex: Corn syrup, sugar water, oil & vinegar**

**Mixture: Two or more substances that have been physically combined and can be separated by physical means**

**Ex: Corn syrup, sugar water, oil & vinegar**

**Matter: Anything that has both mass and volume**

**Ex: Air, Water, Table, Sun**