

MATTER VOCABULARY #2 DEFINED

1. **Element**: matter that can not be broken down into a simpler substance (there are $\cong 109$)
2. **Mixture**: when substances **mix** together, but **do not chemically** combine.
3. **Solution**: a mixture that forms when one substance dissolves in another.
4. **Compound**: what forms when two or more elements chemically combine.
5. **Alloys**: when an element is added to a metal to **enhance the properties** of that metal
6. **Polymer**: a substance that consists of small, repeating patterns of structural units.
7. **Crystalline Solid**: a solid that has atoms arranged in an ordered, repeating pattern.
8. **Amorphous Solid**: a solid made up of particles not arranged in regular patterns.
9. **Viscosity**: the measurement of how **resistant to flowing** a fluid is (high viscosity = thick & slow)
10. **Conservation of Mass**: in chemical reactions the mass of the reactants **equals** the mass of the products. **NO mass is lost.**