

Name: _____ Pd: ____ Ast: _____

CLASSIFICATION OF MATTER VOCABULARY
8th Grade Science

- 1) **MATTER (p.109) – anything that has mass and takes up space**
- 2) **PHYSICAL PROPERTY (p.110) – a characteristic that can be observed without changing the matter into another type of matter**
- 3) **CHEMICAL PROPERTY (p.111) – properties that can only be observed by combining or breaking apart substances; characteristics that describe something’s ability to become something else**
- 4) **ATOM (p. 112) – the basic unit from which all matter is made**
- 5) **ELEMENT (p.112) – substance that is made up of only one type of atom**
- 6) **MOLECULE (p.113) – group of two or more atoms held together by chemical bonds (*NOTE: can be the same element*)**
- 7) **COMPOUND (p.114) – a substance made of two or more elements that are chemically combined in a set ratio**
- 8) **MIXTURE (p.115) – made up of two or more substances that are together in the same place, but their atoms are not chemically bonded**
- 9) **SOLID (p.152) – has a definite shape and a definite volume**
- 10) **LIQUID (p.155) – has a definite volume but no shape of its own**
- 11) **VISCOSITY (p.156) – a liquid’s resistance to flowing (*the “thickness” of a liquid*)**
- 12) **GAS (p.157) – has neither a definite shape nor a definite volume**