

**5.4 - What is the smallest part of an element?**

**5.4 - What is a combination of types of matter where each keeps its own properties?**

**5.4 - What is formed when two or more elements join chemically?**

**5.4 - What do scientists make to help study things or events?**

**5.4 - What is made of only one kind of atom?**

**5.4 - What is the smallest part of a compound?**

**5.4 - What does not have a definite shape or volume?**

**5.4 - What has a definite shape and volume?**

**5.4 - What has a definite volume but no definite shape?**

**5.4 - What is formed when one substance is dissolved into another?**

**5.4 - What is anything that has mass and takes up space?**

**5.4 - Solid, liquid and gas are the 3 \_\_\_\_\_.**

**Mixture**

**Atom**

**Model**

**Compound**

**Molecule**

**Element**

**Solid**

**Gas**

**Solution**

**Liquid**

**States of Matter**

**Matter**

**5.4 - What is H<sub>2</sub>O**

**5.4 - There are over 100 known  
\_\_\_\_\_.**

**5.4 - What is NaCl?**

**5.4 - If you heat up a solid, it  
could become a \_\_\_\_\_.**

**5.4 - If you cool down a liquid, it  
could become a \_\_\_\_\_.**

**5.4 - Molecules that are close  
together and barely moving  
would be in a \_\_\_\_\_.**

**5.4 - Molecules that are far apart  
and moving fast would be in a  
\_\_\_\_\_.**

**5.4 - If you heat up a liquid, it  
could become a \_\_\_\_\_.**

**Elements**

**Water**

**Liquid**

**Salt**

**Solid**

**Solid**

**Gas**

**Gas**