TYPES OF MIXTURES

A physical combination of two or more substances is a **mixture**. A **homogeneous mixture** contains varying amounts of components whose particles do not separate when the mixture is allowed to stand, thus they appear uniform in appearance (also called a **solution**). A **heterogeneous mixture** contains components that are large enough to be seen. It may also consist of small particles that remain suspended in the mixture but separate after some time (also called a **suspension**). **Colloids** are mixtures whose particles are larger than the particles in a solution but smaller than the particles in a suspension. These particles remain suspended throughout the mixture and do not settle at the bottom when left to stand.

INSTRUCTIONS: Prepare different kinds of mixtures by combining the following substances. Describe each mixture then identify each mixture as homogeneous or heterogeneous. You can also specify if the mixture is a solution, suspension or colloid.

Components of Mixture	Description	Type of Mixture
cooking oil and vinegar		
salt and water		
flour and water		
rice and water		
egg and milk		
rubbing alcohol and water		