

DAY 2: TYPES OF MATTER

1. Watch the video "[Evaluate: pure substances and mixtures](#)" and answer the following questions.

1.1. What is a **pure substance**?

A pure substance is matter that contains _____.

It has specific properties.

1.2. What is a **mixture**?

A mixture is matter that contains _____.

It doesn't have specific properties.

1.3. Can the components of a **mixture** be separated? Tick the answer.

Yes, the components can be extracted by appropriate separation methods.

No, the separation of the components depends on the properties of the mixture.

1.4. What is a **heterogeneous mixture**?

The components of a heterogeneous mixture _____ distinguished.

1.5. What is a **homogeneous mixture**?

The components of a heterogeneous mixture _____ distinguished.

2. Classify these substances as 'pure substances' or 'mixtures'.



Hand soap



Water



Sea water



Diamond



Honey



Yogurt



Sugar



Coffee



Gold



Sand



Salt



Cereals

3. Classify these mixtures as 'homogeneous' or 'heterogeneous'.



Hand soap



Fruit salad



Sea water



Pizza



seashells



Yogurt



Steel



Coffee



Jar of candies



Sand



Paint



Cereals



Cocoa



Cake



Water and oil



Pumpkin cream