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.

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



Hand soap

_____



Water

_____



Sea water

_____



Diamond

_____



Honey

_____



Yogurt

_____



Sugar

_____



Coffee

_____



Gold

_____



Sand

_____



Salt

_____



Cereals

_____

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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

_____

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