Learning Target #1: I can describe and explain the difference between pure substances and compounds. Learning Target #2: I can describe and explain the difference between heterogeneous and homogeneous mixtures.

Elements vs. Compounds & Heterogeneous vs. Homogeneous Mixtures Video Notes

1. A	substance (	) is pure because it	only consists of	_thing. A pure
substance or _	cannot be	int	to other substances.	Another name for a
pure substance	e is an			
2. A	is a combination of _	thi	ings that can be	down into
other substance	ces.	11 -		
3 What is the	difference between a	oure substance (eleme	ent) and a compound	?
5. What is the	difference between a	rare substance (eleme	inc) and a compound	
			0	
		He		
			O	
	Water (H <sub>2</sub> O)	Helium	Oxygen (O <sub>2</sub> )	
		***************************************		
		(S)		
<ol><li>Write whet</li></ol>	her the following subst	ances above are pure	substances (element	s) or compounds.
Use the follow	wing diagram below to	answer the questions	that follow	
ose the follow	Gold Karatages & Us	생이지를 하고 있다면 보기를 하고 있다면 하는데 하고 있다면 하는데 없었다.	that rollow.	
24K	18K 14K	10K		
100% pure s	old 75% pure gold 58.3% pure	41.7% pare sold		
The purest of all to our self-for use in provein.	rut The perfect balance The most popula	# A lower percent pure.    but make durable		
	fine jewelry.	bending.		
<ol><li>Which gold</li></ol>	karat is the cheapest?	Why?		

**BLIVEWORKSHEETS** 

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(1986~1981 14) [ [ [ 1 구시] [ [ [ 1 ] [ [ 1 ] [ [ 1 ] [ [ 1 ] [ [ 1 ] [ [ 1 ] [ [ 1 ] [ [ 1 ] [ [ 1 ] [ [ 1 ] [	하나 없었다면 아이를 바다 맛있다는 하다는 사람들이 아이지 않아 들었다면 하나요 아이라는 이번 경기를 맞는다.	een pure substances and compounds. een heterogeneous and homogeneous
6. Which gold karat is the most exp	pensive? Why?	
7. Which of the gold karat is a pure	substance/element?	Which ones are compounds?
8. Helium and oxygen contain only	atom. Water con	ntains kinds of atoms.
9. Why is water considered to be a	compound?	X
minutes.		Na H Cl
10. A mixture is	a mixture of substances blende	d so thoroughly that you
see individual substances. Every sa		
substance. Homogeneous mixtures	s can be	mixtures.
Quick check for understanding! Ta		at least 5 homogeneous mixtures.
		rogeneous mixtures?
Quick Check for Understanding! Ta	ake one minute to write 5 othe	er types of heterogeneous mixtures.
	) NEW (IV 1865	of, while
		ally bonded together. You cannot
	11000 (1400 f.) 1200 (1700 f.) 1200 f. 1200 f. 1200 f. 1200 f.) 1200 f. 1200 f. 1200 f. 1200 f. 1200 f. 1200 f.	into its individual components.
		an see and pick out an
part of the mixture.	Mixtures are blended so t	thoroughly, it looks like
Homogeneous mixtures are	or the same throughout t	heir makeup just like

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