MARIE CURIE

A- LISTENING: Listen to Marie Curie's biography and correct the sentences as in the example. (Escuchar la biografía de Marie Curie y corregir las oraciones como en el ejemplo.





marie_curie.mp3

(Doble click sobre el ícono para reproducir audio)

Example:

Marie Curie was born in 1967. Marie Curie wasn't born in 1967. She was born in 1867.

- 1- She was a pioneer in the field of noble gases.
- 2- She discovered two physical elements.
- 3- She became the first female professor in the University of Warsaw.
- 4- Marie had a poor memory.
- 5- Marie and Pierre met in a party.
- 6- They spent most of their time in their home.
- 7- They discovered bohrium.
- 8- In 1913 they won the Nobel Prize for physics.
- 9- After Pierre's death, Marie stopped working.
- 10- Marie knew how deadly radium was.



CHEMICAL PROCESSES

- B- READING: Read and answer the questions below. (leer y responder)
- 1- Who is Andrew?
- 2- Which two elements are mentioned in the text?
- 3- Is water an element or a compound?
- 4- What happens to water if we heat it at 100°C?
- 5- Mention two examples of chemical processes from the text.

Chemical processes
Andrew is a chemist. He works at a university. He teaches basic chemistry. Listen to his class.
" and so by describing something everyone knows about we can see how (1) affects every part of our lives. Take two (2) , in this case hydrogen and oxygen. They are both very common and are different from each other. Hydrogen has the (3)
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C- <u>Listen to Andrew's class and fill in the gaps. Use the words in the box.</u> (Escuchar la clase de Andrew y completar los espacios. Usar las palabras del recuadro)

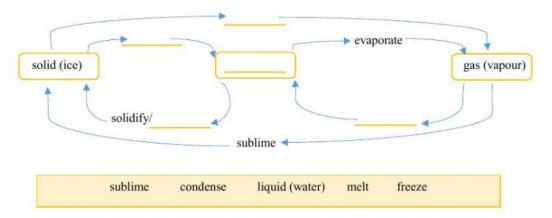


Chemistry - hydrogen & oxygen.mp3

Chemist - chemistry - petrol- liquid - molecules - elements - cooking - water - atomic - number - ice



D- Complete: The States of matter. Use the words in the box. (Completar el esquema. Usar las palabras del cuadro)



GRAMMAR PRACTICE

1- Study the ENGLISH TIPS and choose the correct answer. (Estudiar los ENGLISH TIPS y elegir la respuesta correcta)

a- Carol a chemist.	A-	are	B- is
b- She in a lab.	A-	work	B- works
c- She chemical processes.	A-	studies	B- study
d- Hydrogenthe atomic number 9.	A-	has	B- doesn't have
e- Hydrogen and oxygen compounds.	Δ.	are	B- aren't
f- A compound a bond of two or more elements.	^	arc	b dien t
g- Water ice, when its temperature is reduced to 0°C.	A-	is	B- are
h- Carol and her teamradioactive materials.	A-	become	B- becomes
j- They work at 9 a.m. every day.	A-	don't study	B- doesn't study
k- Carol home at 7 p.m.	A-	starts	B- start



2- Complete the definitions with a word from the box. Write the correct form of the verbs in brackets. (Completar las oraciones con las palabras del recuadro. Escribir la forma correcta del verbo entre paréntesis)

1- If a substance	(sublime) it	(pass) from a solid to a g	as without becoming a		
liquid		2 6 0 0 5	1 122		
2- A	(be) the smalles	t structured particle of a substa	nce, with no electric		
charge.	(,	ŗ	,		
	_ (be) a soft, very dense, poi	sonous			
		btracting the number of electro	ons from the		
number of protons.					
		(give) the number of ions that will combine to form a			
6 An equation such as	H2+Cl2 = HCl	(represent) a chemical			
*lead=plomo					
0.25% (0.55%) \$0.000,000 (6.5)					
3- Match the names	of the compounds with the f	ormulae. (Unir los nombres de le	os compuestos con sus		
<u>fórmulas</u>)					
1 sodium chloride	NaCl	N2O			
7272 127 1272 1370		H2O2			
3 carbon dioxide		AI2O3			
Br (2) 90 90 12927		NaCl			
		CaCO3			
5 nitrous oxide		CO2			
		HCI			
7 calcium carbonate					
1 Tick the correct or	otion. Then name the compo	and needed in each case			
4- TICK the correct of	otion. Then hame the compo	and needed in each case.			
		The second second	20 1 10 10		
		n to make window frames. Al20			
	\$	_board markers, they write with	chalk.		
	ave / has corrosive prope				
4- Surgeons <u>uses</u> /	use anaesthetic to make th	eir patients sleep during a surge	ry.		
5- Don't use / Not u	use too much table salt in	your meals.			
6- Plants needs / n	eed this gas to make phot	osynthesis.			
7- A hairdresser bleac	hes / bleach hair with	this liquid.			
8- We don't breath in	/ doesn't breathe in the	nis gas.			
9- Nurses use / use		ounds.			
10- Batteries, photofla	ash bulbs and fireworks conta	ins / contain hydrochloric	acid.		

