

REPRESENTING ATOMS	
Curso: 3º ESO	Asignatura: Física y química
Objetivos contenido	Objetivos lingüísticos
Conocer la composición de los átomos y diferenciar entre el número atómico y el número básico.	- Aprender sinónimos de adverbios en inglés.
Criterios de evaluación de la asignatura	
2.1. Conocer los tipos de cargas eléctricas y su papel en la constitución de la materia.	
Criterios de evaluación de bilingüismo	
<ul style="list-style-type: none"> - Comprender frases cortas en inglés. - Usar estructuras adverbiales correctas según el contexto. 	
Vocabulario	
Mass number – Número másico Atomic number – Número atómico Proton, Neutron, Electron Therefore – Por lo tanto However – Sin embargo Furthermore – Además Although – A pesar de	
Competencias básicas	
CCL; CMCT	

Representing atoms

You want to produce a revision guide to help your classmates remember the symbols for the terms that represent atoms.

a. Can you match the terms to the symbols?

symbol of element mass number atomic number number of neutrons

Symbol	Term
Z	
A	
N	
X	

You've been asked to rewrite some of the sentences from your workbook.

b. For each sentence choose one of the words or phrases that means the same as the one in bold.

Example

1. All atoms of the same element have **the same** number of protons.

different similar equal exact

2. The number of protons plus the number of neutrons in an atom is **called** the mass number.

known as described as similar to different to

3. This notation **informs us** of the number of protons and electrons in an atom.

describes to us tells us discusses announces

4. This example **indicates** the number of protons, neutrons and electrons of an atom.

describes explains shows helps

5. The mass number is $A = 209$. **Therefore**, the number of neutrons is $N = A - Z = 209 - 84 = 125$

however furthermore so although