DIGITAL TEACHING

in natural scientific subjects

ESCOLA SECUNDÁRIA DE LOULÉ

With the support of the Erasmus+ Programme of the European Union

Our Team

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Portugal seen from Space

Our Flag

Algarve's Landscapes and Nature Overview

Loule's Landscapes and Nature Overview

Loule's Landscapes and Nature Overview

Quinta de Lago

Marina de Vilamoura

Loule's Landscapes and Nature Overview

Our School

Our School

Our food

Our Food

Typical Things

Do you know any portuguese celebrity?

Periodic Table of the Elements

Group →	1	2	3		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Period ↓ 1	1 H																		2 He
2	3 Li	4 Be												5 B	6 C	7 N	8 O	9 F	10 Ne
3	11 Na	12 Mg												13 Al	14 Si	15 P	16 S	17 Cl	18 Ar
4	19 K	20 Ca	21 Sc		22 Ti	23 V	24 Cr	25 Mn	26 Fe	27 Co	28 Ni	29 Cu	30 Zn	31 Ga	32 Ge	33 As	34 Se	35 Br	36 Kr
5	37 Rb	38 Sr	39 Y		40 Zr	41 Nb	42 Mo	43 Tc	44 Ru	45 Rh	46 Pd	47 Ag	48 Cd	49 In	50 Sn	51 Sb	52 Te	53 I	54 Xe
6	55 Cs	56 Ba	57 La	*	72 Hf	73 Ta	74 W	75 Re	76 Os	77 Ir	78 Pt	79 Au	80 Hg	81 Tl	82 Pb	83 Bi	84 Po	85 At	86 Rn
7	87 Fr	88 Ra	89 Ac	**	104 Rf	105 Db	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Nh	114 Fl	115 Mc	116 Lv	117 Ts	118 Og
				*	58 Ce	59 Pr	60 Nd	61 Pm	62 Sm	63 Eu	64 Gd	65 Tb	66 Dy	67 Ho	68 Er	69 Tm	70 Yb	71 Lu	
				**	90 Th	91 Pa	92 U	93 Np	94 Pu	95 Am	96 Cm	97 Bk	98 Cf	99 Es	100 Fm	101 Md	102 No	103 Lr	

Elements

- Science has come a long way since Aristotle's theory of Air, Water, Fire, and Earth.

- Scientists have identified 90 naturally occurring elements, and created about 28 others.

- The elements, alone or in combinations, make up our bodies, our world, our sun, and in fact, the entire universe.

History of the Periodic Table

1669

John Dalton

Physicist and English chemist who proposed the organization of the chemical elements in ascending order of atomic mass

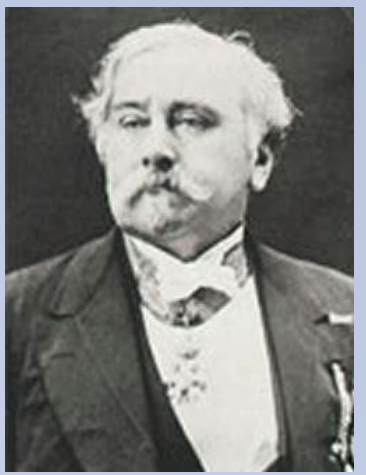
1817

Johann Döbereiner

German chemist who organized the elements in triads, according to their properties

1862

Alexandre de Chancourtois

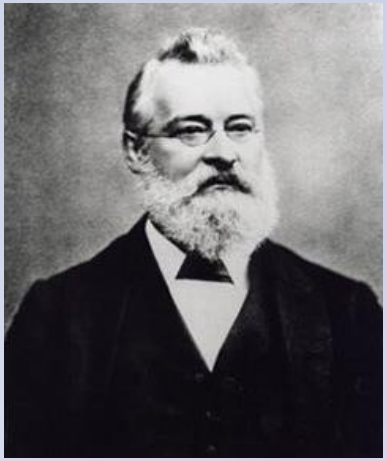


French geologist who organized the elements by increasing order of atomic mass

History of the Periodic Table

1863

John Newlands

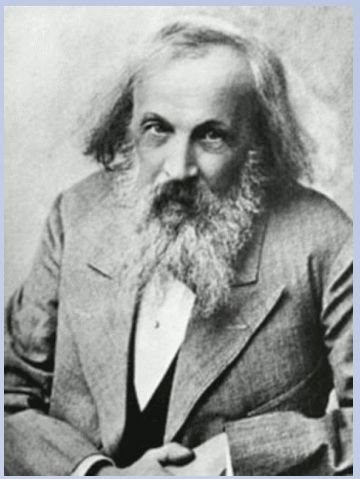


English chemist who proposed the organization of the elements according to the Law of Octaves

1869

Julius Meyer e Dimitri Mendeleev

German chemist who created one of the first versions of the Periodic Table



Russian chemist who created one of the first versions of the Periodic Table

History of the Periodic Table

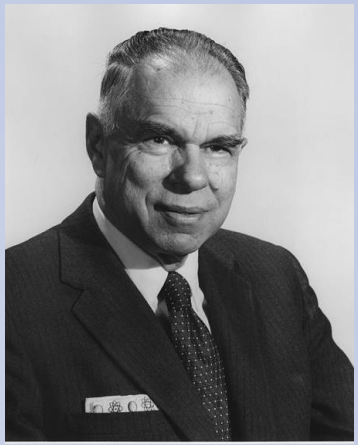
1913

Henry Moseley

British physicist who ordered the chemical elements in ascending order of atomic number

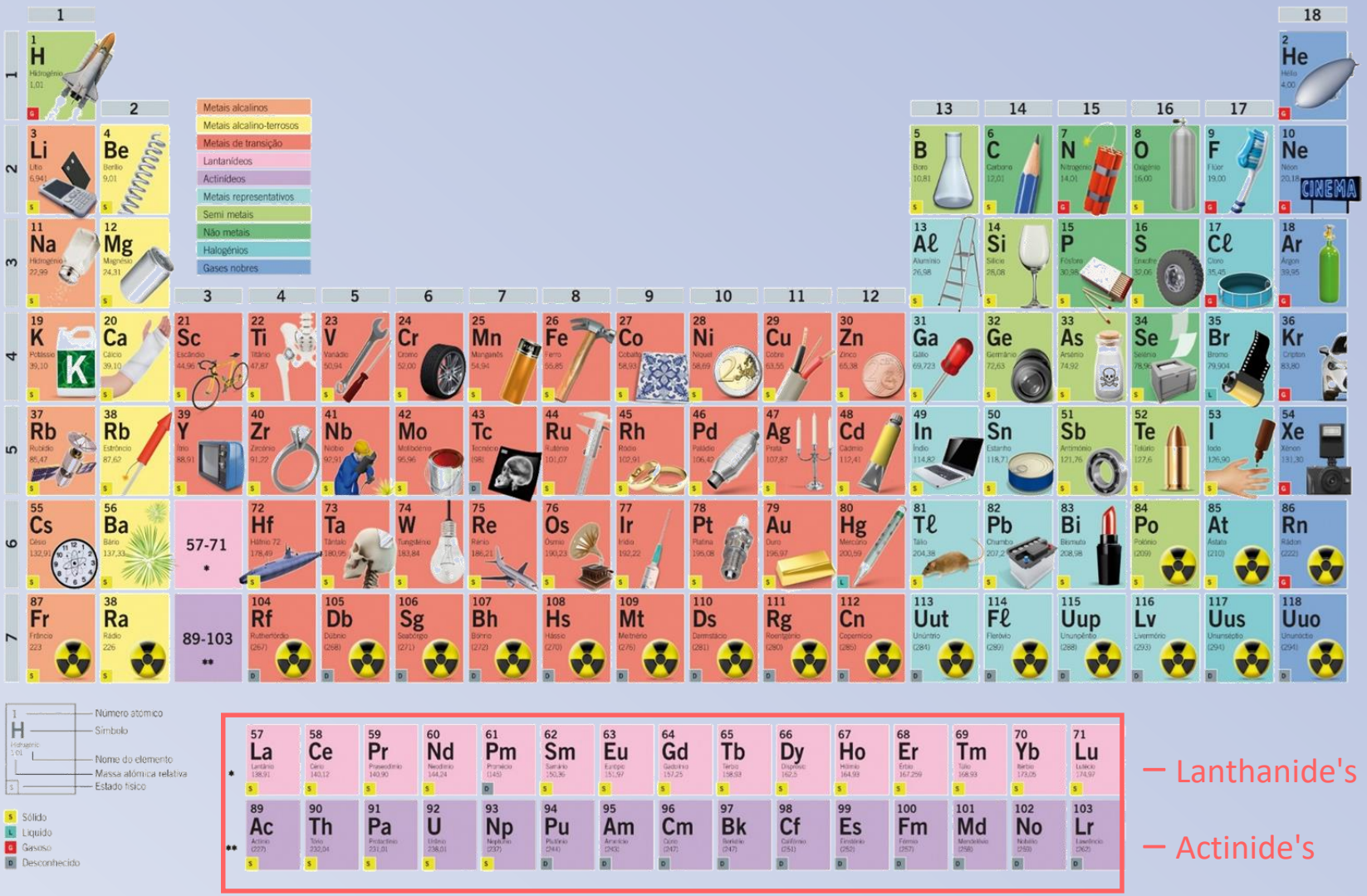
1950

Glenn Seaborg

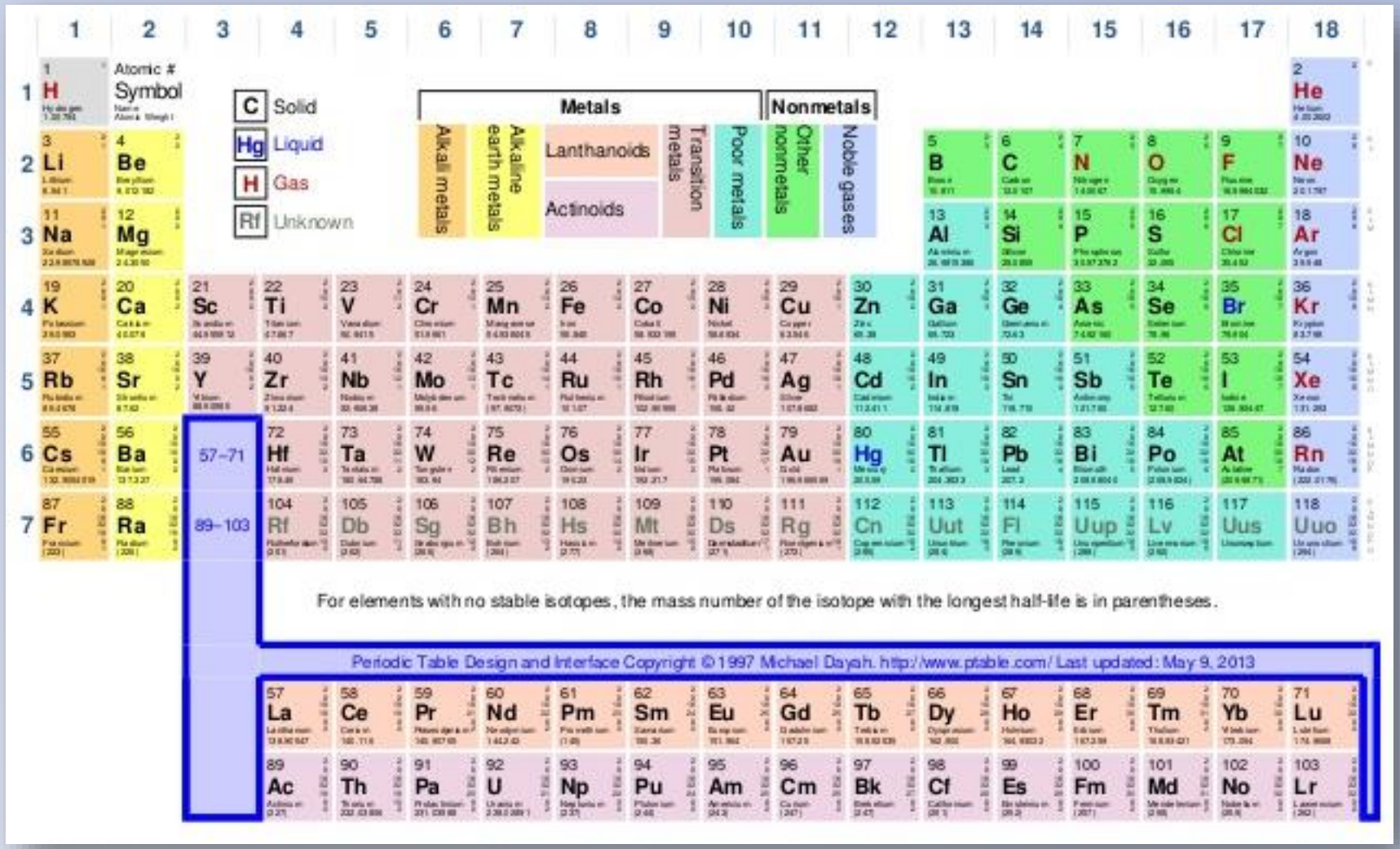


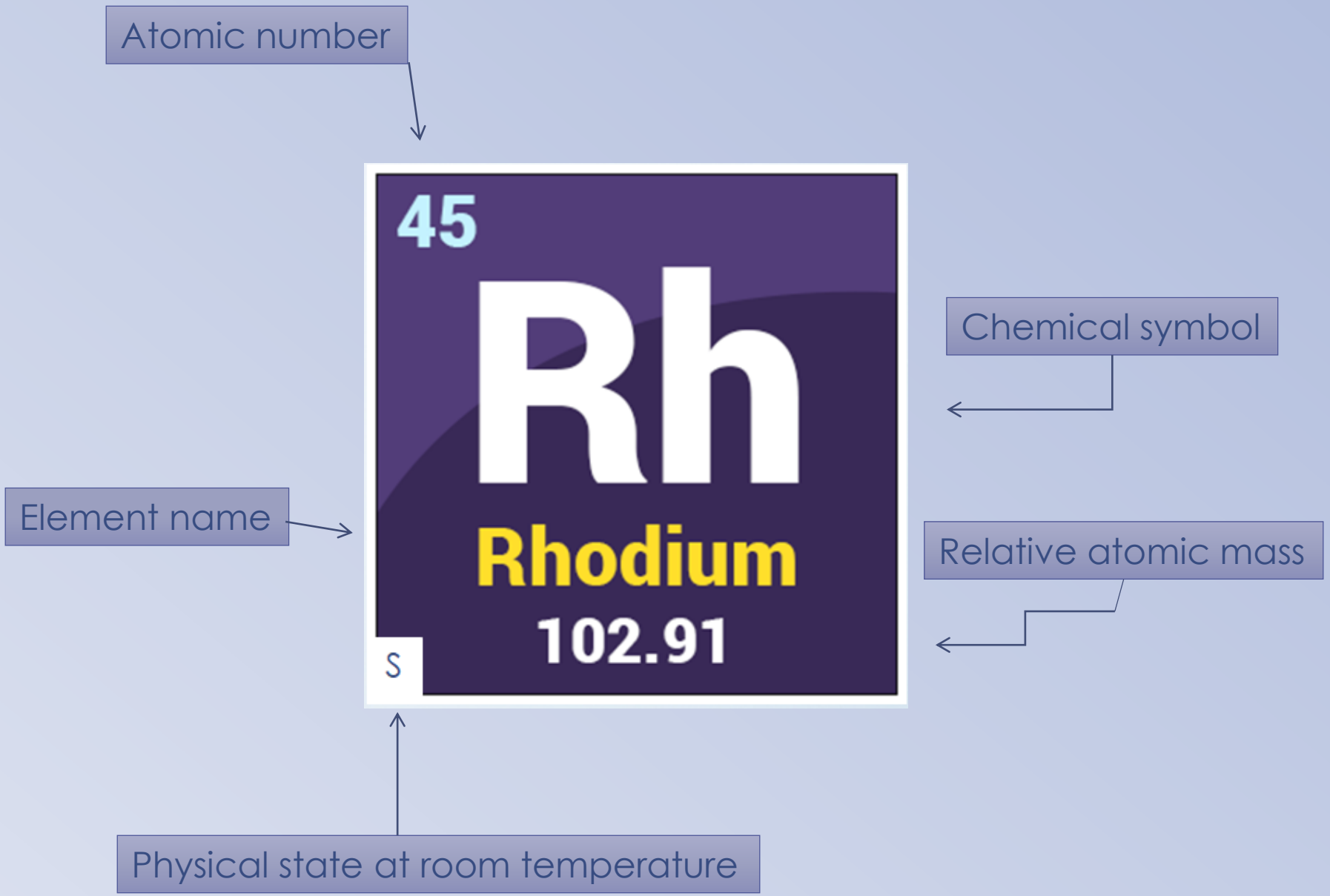
American chemist awarded with Nobel Prize Chemistry in 1951 for the discovery and study of of various chemical elements

Glenn Seaborg

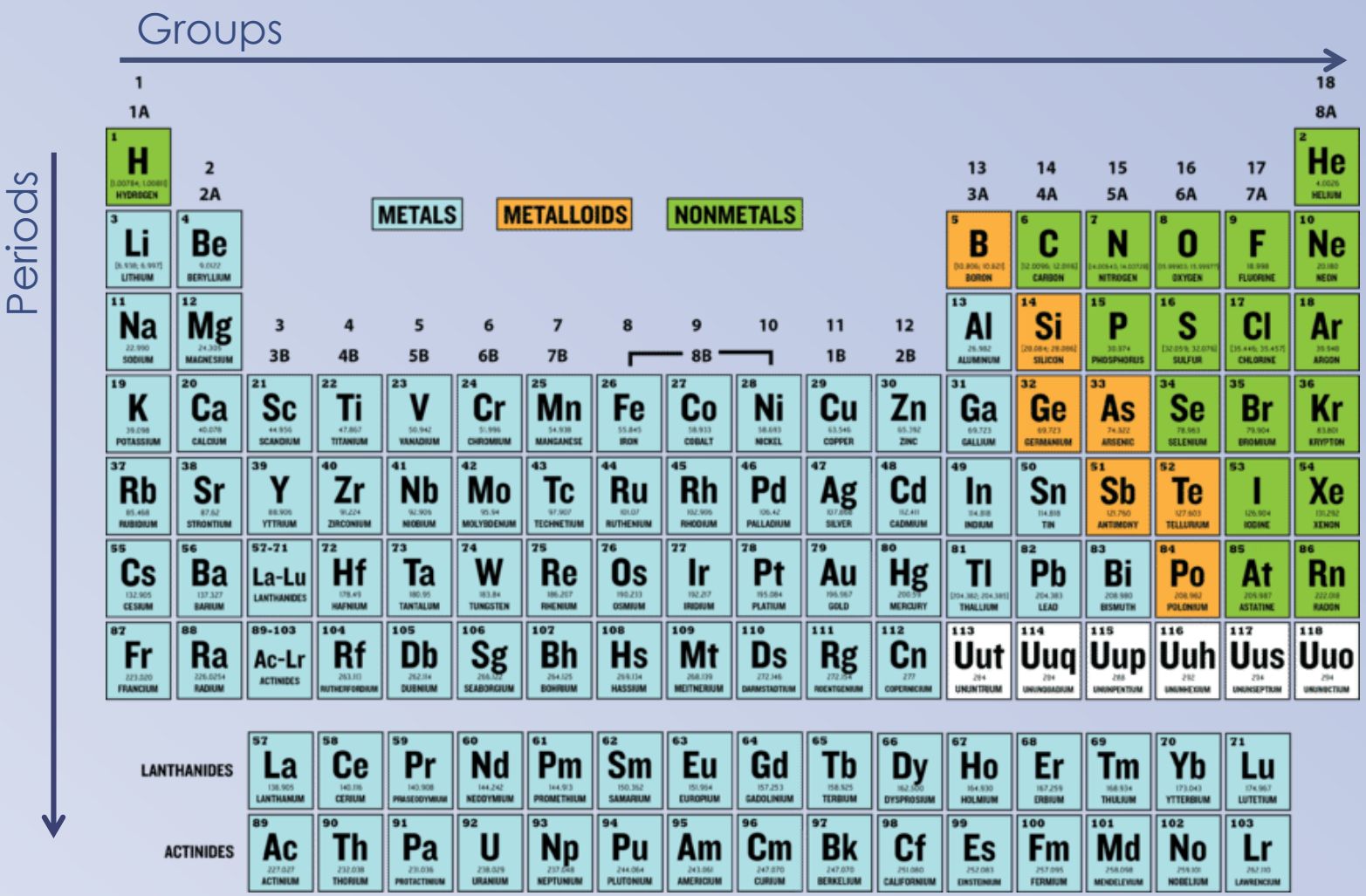


What is the periodic table…




Atomic number
45
Rh
Rhodium
102.91
S
Chemical symbol
Element name
Relative atomic mass
Physical state at room temperature

Periodic Table



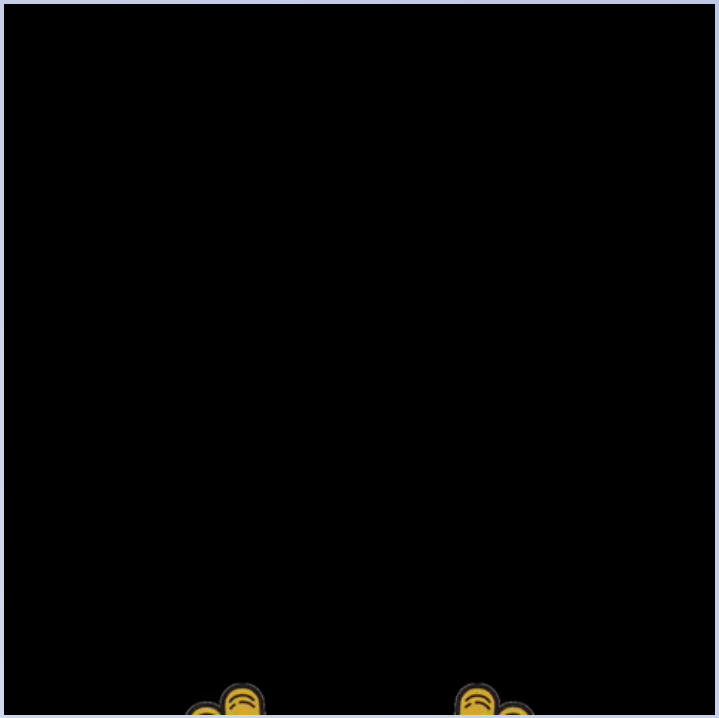
Chemistry and Geography thight hands

Conclusion

- The current Periodic Table gathers the 118 known chemical elements, ordered by ascending order of atomic number.

- Its structure resulted from the contribution of several scientists, who sought to organize the elements according to their properties.

GAME Time



GAME Time

Go to Google Play (Play store) and download

TABELA PERIODICA

GAME Time

https://tinyurl.com/staremesto

GAME Time

Go to Google Play (Play store) and download

PERIODIC TABLE QUIZ