



Periodic Table Scrabble

During British Science Week 2019, try your hand at scientific spelling using Element Symbols from the Periodic Table. This year marks 150 years of the Periodic Table in the Mendeleev format and also recognises the historical discoveries before 1869.

For this activity, you will need a printed copy of the Periodic Table (included in this worksheet) and see how many words you can make using the Elemental Symbols!

An element is a substance that cannot be broken down into smaller parts. Each element has its own atomic number which is the number of protons (positively charged ions) it has in the nucleus of its atoms.

Name	Oxygen	Atomic Number
	8	
Symbol	O	
	15.999	Atomic Mass

For example:

Genesis	<div>32 Ge Germanium</div>	<div>10 Ne Neon</div>	<div>14 Si Silicon</div>	<div>16 S Sulphur</div>
Think	<div>90 Th Thorium</div>	<div>49 In Indium</div>	<div>19 K Potassium</div>	



What is the longest word you can make?

What elements make up each word?

For inquisitive minds...



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[illegible]

*Lanthanide series

** Actinide series

lanthanum	cerium	praseodymium	neodymium	promethium	samarium	europhium	gadolinum	terbium	dysprosium	holmium	erbium	thulium	ytterbium
57	58	59	60	61	62	63	64	65	66	67	68	69	70
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb
138.91	140.12	140.91	144.24	145	150.36	151.96	157.25	158.93	162.50	164.93	167.26	168.93	173.04
actinium	thorium	protactinium	uranium	neptunium	plutonium	americium	curium	berkelium	californium	einsteinium	fermium	mendelevium	nobelium
89	90	91	92	93	94	95	96	97	98	99	100	101	102
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No
[227]	232.04	231.04	238.03	237	244	243	247	247	251	252	257	259	259