

Periodic table of the elements



1 1A H Hydrogen 1.008 1	2 IIA He Helium 4.0026 2																	18 VIIIA Ne Neon 20.180 10			
3 Li Lithium 6.94 3	4 Be Beryllium 9.012 4																	17 VIIA F Fluorine 18.998 9			
11 Na Sodium 22.98976928 11	12 Mg Magnesium 24.305 12																	16 VIA O Oxygen 15.999 8			
19 K Potassium 39.0983 19	20 Ca Calcium 40.078 20																	15 VA N Nitrogen 14.007 7			
37 Rb Rubidium 85.4678 37	38 Sr Strontium 87.62 38																	14 IVA C Carbon 12.011 6			
55 Cs Caesium 132.90545196 55	56 Ba Barium 137.327 56																	13 IIIA B Boron 10.81 5			
87 Fr Francium 223 87	88 Ra Radium 226 88																	12 IIB Zn Zinc 65.38 30			
		3 IIIB Sc Scandium 44.955912 21		4 IVB Ti Titanium 47.88 22		5 VB V Vanadium 50.9415 23		6 VIB Cr Chromium 51.9961 24		7 VIIB Mn Manganese 54.938044 25		8 VIII Fe Iron 55.845 26		9 VIII Co Cobalt 58.933195 27		10 VIII Ni Nickel 58.6934 28		11 IB Cu Copper 63.546 29		12 IIB Zn Zinc 65.38 30	
		39 Y Yttrium 88.905848 39		40 Zr Zirconium 91.224 40		41 Nb Niobium 92.90638 41		42 Mo Molybdenum 95.94 42		43 Tc Technetium (98) 98 43		44 Ru Ruthenium 101.07 44		45 Rh Rhodium 102.91 45		46 Pd Palladium 106.42 46		47 Ag Silver 107.87 47		48 Cd Cadmium 112.41 48	
		57-71 Lanthanides		72 Hf Hafnium 178.49 72		73 Ta Tantalum 180.94788 73		74 W Tungsten 183.84 74		75 Re Rhenium 186.207 75		76 Os Osmium 190.23 76		77 Ir Iridium 192.222 77		78 Pt Platinum 195.084 78		79 Au Gold 196.966569 79		80 Hg Mercury 200.59 80	
		72-76 Lanthanides		104 Rf Rutherfordium 261 104		105 Db Dubnium 262 105		106 Sg Seaborgium 263 106		107 Bh Bohrium 264 107		108 Hs Hassium 277 108		109 Mt Meitnerium 278 109		110 Ds Darmstadtium 281 110		111 Rg Roentgenium 282 111		112 Cn Copernicium 285 112	
		77-81 Actinides		82 Pb Lead 207.2 82		83 Bi Bismuth 208.9804 83		84 Po Polonium 209 84		85 At Astatine 210 85		86 Rn Radon 222 86		87 Fr Francium 223 87		88 Ra Radium 226 88		89-103 Actinides		113 Nh Nihonium 284 113	
		82-86 Actinides		114 Fl Flerovium 289 114		115 Mc Moscovium 290 115		116 Lv Livermorium 293 116		117 Ts Tennessine 294 117		118 Og Oganesson 294 118		89-103 Actinides		89-103 Actinides		89-103 Actinides		119 Uue Ununennium 295 119	
		87-91 Actinides		120 Ubn Unbinilium 296 120		121 Ubu Unbiunium 297 121		122 Ubb Unbibium 298 122		123 Ubt Unbibium 299 123		124 Ubu Unbibium 300 124		125 Ubu Unbibium 301 125		126 Ubu Unbibium 302 126		127 Ubu Unbibium 303 127		128 Ubu Unbibium 304 128	
		82-86 Actinides		129 Ubu Unbibium 305 129		130 Ubu Unbibium 306 130		131 Ubu Unbibium 307 131		132 Ubu Unbibium 308 132		133 Ubu Unbibium 309 133		134 Ubu Unbibium 310 134		135 Ubu Unbibium 311 135		136 Ubu Unbibium 312 136		137 Ubu Unbibium 313 137	
		87-91 Actinides		138 Ubu Unbibium 314 138		139 Ubu Unbibium 315 139		140 Ubu Unbibium 316 140		141 Ubu Unbibium 317 141		142 Ubu Unbibium 318 142		143 Ubu Unbibium 319 143		144 Ubu Unbibium 320 144		145 Ubu Unbibium 321 145		146 Ubu Unbibium 322 146	
		82-86 Actinides		147 Ubu Unbibium 323 147		148 Ubu Unbibium 324 148		149 Ubu Unbibium 325 149		150 Ubu Unbibium 326 150		151 Ubu Unbibium 327 151		152 Ubu Unbibium 328 152		153 Ubu Unbibium 329 153		154 Ubu Unbibium 330 154		155 Ubu Unbibium 331 155	
		87-91 Actinides		156 Ubu Unbibium 332 156		157 Ubu Unbibium 333 157		158 Ubu Unbibium 334 158		159 Ubu Unbibium 335 159		160 Ubu Unbibium 336 160		161 Ubu Unbibium 337 161		162 Ubu Unbibium 338 162		163 Ubu Unbibium 339 163		164 Ubu Unbibium 340 164	
		82-86 Actinides		165 Ubu Unbibium 341 165		166 Ubu Unbibium 342 166		167 Ubu Unbibium 343 167		168 Ubu Unbibium 344 168		169 Ubu Unbibium 345 169		170 Ubu Unbibium 346 170		171 Ubu Unbibium 347 171		172 Ubu Unbibium 348 172		173 Ubu Unbibium 349 173	
		87-91 Actinides		174 Ubu Unbibium 350 174		175 Ubu Unbibium 351 175		176 Ubu Unbibium 352 176		177 Ubu Unbibium 353 177		178 Ubu Unbibium 354 178		179 Ubu Unbibium 355 179		180 Ubu Unbibium 356 180		181 Ubu Unbibium 357 181		182 Ubu Unbibium 358 182	
		82-86 Actinides		183 Ubu Unbibium 359 183		184 Ubu Unbibium 360 184		185 Ubu Unbibium 361 185		186 Ubu Unbibium 362 186		187 Ubu Unbibium 363 187		188 Ubu Unbibium 364 188		189 Ubu Unbibium 365 189		190 Ubu Unbibium 366 190		191 Ubu Unbibium 367 191	
		87-91 Actinides		192 Ubu Unbibium 368 192		193 Ubu Unbibium 369 193		194 Ubu Unbibium 370 194		195 Ubu Unbibium 371 195		196 Ubu Unbibium 372 196		197 Ubu Unbibium 373 197		198 Ubu Unbibium 374 198		199 Ubu Unbibium 375 199		200 Ubu Unbibium 376 200	

Subcategory in the metal-metalloid-nonmetal trend (colour of background)

- Alkali metals
- Alkaline earth metals
- Transition metals
- Lanthanides
- Actinides
- Post-transition metals
- Metalloids
- Reactive nonmetals
- Noble gases
- Unknown chemical properties

Atomic number →

← Symbol

Name →

← Atomic weight

Electrons per shell →

←



Periodic table game cards

There are three games which can be played with the cards:

1. Top Trumps:

- I. The aim of the game is for the winner to collect all the cards (the 'exothermic reactions' and 'endothermic reactions' cards are not used).
- II. Deal all the cards, face down, to each of the players (there is no limit on the number of players).
- III. Each looks at their top card only.
- IV. The player to the left of the dealer starts looking at the statistics for each element and calls out their best and its value (e.g. 'melting point 180.5°C').
- V. They place their cards face up in the centre: the player with the highest value picks up all the cards and places them face down under their own cards.
- VI. A variation of this is to designate either the highest or lowest value by adding the word 'HIGH' or 'LOW' after reading out the statistic (e.g. 'melting point 180.5°C LOW').
- VII. The winner of the round chooses the next statistic.
- VIII. The winner is the first player to get all the cards.

2. Pit:

- I. In this trading game, the aim is to collect all six cards in a particular group (e.g. all the alkali metals or all the halogens).
- II. All the cards are dealt face down to the players in turn (to a maximum of eight players, though a maximum of six and a minimum of four is more realistic).
- III. The players look at the cards and decide which group they wish to collect.
- IV. The dealer opens the 'trading floor' by declaring 'trading open'.
- V. Players then offer the number of cards of the same type face down they want to trade, with a minimum of two cards.
- VI. Any player can exchange the same number of cards, as long as they are all the same type.
- VII. The winner is the first to collect all six cards in the same group by shouting 'corner' (they have cornered the market in that commodity) and putting their cards face up on the table.
- VIII. The winner is awarded the number of points indicated for each group (e.g.: the alkali metals have a score of 20 points).
- IX. Set a target to be reached, such as 200, 250 or 300 points, to win the game.
- X. However, there are two 'wild cards' – 'exothermic reactions' and 'endothermic reactions' cards. These can be mixed with other cards without declaring them. The exothermic reactions card can be included in the final total (so, five set cards plus the exothermic card) but if the player has all six cards plus the exothermic card, they gain an additional forty points. If a player has the card when another player wins, they lose forty points. The endothermic reaction card is always bad. It cannot be added to a winning set and the player with the card loses forty points at the end of each round.

3. Happy Families (or Quartet):

- I. In this matching game, the aim is to collect as many sets as possible.
- II. First, separate the first four cards in each set, which are used, and put the remaining two cards to one side (the 'exothermic reactions' and 'endothermic reactions' cards are not used).
- III. The dealer shuffles and deals all the cards to each player in turn (from three to six players).
- IV. The player to the left of the dealer starts by asking any of the other players if they have a card in a set that the asker wants to collect (but must have at least one card in that set).
- V. If the player has it, they must give it, and the asker may request another card from the same player. If the player does not have a card from that set, they say 'not available' and they become the asker.
- VI. Decide at the start if the asker can simply request a card from a set (e.g. 'Do you have an alkali metal?') or specifically name the element from the set (e.g. 'Do you have lithium?')
- VII. The winner is the player who collects most sets.



Periodic table game cards (1 of 12)

Group 1 – The alkali metals (20 points)		Group 1 – The alkali metals (20 points)	
^3Li Lithium		^{11}Na Sodium	
Atomic weight (average)	6.94	Atomic weight (average)	22.99
First isolated	1821	First isolated	1807
Melting point (°C)	180.50	Melting point (°C)	97.79
Density (g/cm ³)	0.53	Density (g/cm ³)	0.96
Electronegativity (Pauling scale)	0.98	Electronegativity (Pauling scale)	0.93
Abundance (mg/L)	20	Abundance (mg/L)	2.36x10 ⁴

Group 2 – The alkali metals (20 points)		Group 1 – The alkali metals (20 points)	
^{19}K Potassium		^{37}Rb Rubidium	
Atomic weight (average)	39.09	Atomic weight (average)	85.46
First isolated	1807	First discovered	1861
Melting point (°C)	63.50	Melting point (°C)	39.30
Density (g/cm ³)	0.86	Density (g/cm ³)	1.53
Electronegativity (Pauling scale)	0.82	Electronegativity (Pauling scale)	0.82
Abundance (mg/L)	2.09x10 ⁴	Abundance (mg/L)	90



Periodic table game cards (2 of 12)

Group 1 – The alkali metals (20 points)		Group 1 – The alkali metals (20 points)	
⁵⁵ Cs Caesium		⁸⁷ Fr Francium	
Atomic weight (average)	132.91	Atomic weight (average)	(223)
First isolated	1882	First isolated	1939
Melting point (°C)	28.50	Melting point (°C)	30.00
Density (g/cm ³)	1.93	Density (g/cm ³)	2.80-3.00
Electronegativity (Pauling scale)	0.79	Electronegativity (Pauling scale)	>0.79
Abundance (mg/L)	3	Abundance (mg/L)	less than 4x10 ⁻¹¹

Group 2 – The alkali earth metals (40 points)		Group 2 – The alkali earth metals (40 points)	
⁴ Be Beryllium		¹² Mg Magnesium	
Atomic weight (average)	9.01	Atomic weight (average)	24.30
First isolated	1828	First isolated	1808
Melting point (°C)	1287	Melting point (°C)	650
Density (g/cm ³)	1.85	Density (g/cm ³)	1.73
Electronegativity (Pauling scale)	1.57	Electronegativity (Pauling scale)	1.31
Abundance (mg/L)	2.8	Abundance (mg/L)	2.33x10 ⁴



Periodic table game cards (3 of 12)

Group 2 – The alkali earth metals (40 points)		Group 2 – The alkali earth metals (40 points)	
²⁰ Ca Calcium		³⁸ Sr Strontium	
Atomic weight (average)	40.07	Atomic weight (average)	87.62
First isolated	1808	First isolated	1808
Melting point (°C)	842	Melting point (°C)	777
Density (g/cm ³)	1.55	Density (g/cm ³)	2.64
Electronegativity (Pauling scale)	1.00	Electronegativity (Pauling scale)	0.95
Abundance (mg/L)	4.15x10 ⁴	Abundance (mg/L)	370

Group 2 – The alkali earth metals (40 points)		Group 2 – The alkali earth metals (40 points)	
⁵⁶ Ba Barium		⁸⁸ Ra Radium	
Atomic weight (average)	137.33	Atomic weight (average)	(226)
First isolated	1808	First isolated	1910
Melting point (°C)	727	Melting point (°C)	700
Density (g/cm ³)	3.51	Density (g/cm ³)	5.50
Electronegativity (Pauling scale)	0.89	Electronegativity (Pauling scale)	0.90
Abundance (mg/L)	425	Abundance (mg/L)	9x10 ⁻⁷



Periodic table game cards (4 of 12)

Group 3 – The (lighter) transition metals (60 points)		Group 3 – The (lighter) transition metals (60 points)	
²⁵ Mn Manganese		²⁶ Fe Iron	
Atomic weight (average)	54.93	Atomic weight (average)	55.84
First isolated	1774	First discovered	before 5000 BC
Melting point (°C)	1246	Melting point (°C)	1538
Density (g/cm ³)	7.21	Density (g/cm ³)	7.87
Electronegativity (Pauling scale)	1.55	Electronegativity (Pauling scale)	1.83
Abundance (mg/L)	950	Abundance (mg/L)	5.63x10 ⁴

Group 3 – The (lighter) transition metals (60 points)		Group 3 – The (lighter) transition metals (60 points)	
²⁷ Co Cobalt		²⁸ Ni Nickel	
Atomic weight (average)	58.93	Atomic weight (average)	58.69
First isolated	1735	First isolated	1751
Melting point (°C)	1495	Melting point (°C)	1455
Density (g/cm ³)	8.90	Density (g/cm ³)	8.90
Electronegativity (Pauling scale)	1.88	Electronegativity (Pauling scale)	1.91
Abundance (mg/L)	25	Abundance (mg/L)	84



Periodic table game cards (5 of 12)

Group 3 – The (lighter) transition metals (60 points)		Group 3 – The (lighter) transition metals (60 points)	
^{29}Cu Copper		^{30}Zn Zinc	
Atomic weight (average)	63.54	Atomic weight (average)	65.38
First discovered	9000 BC	First isolated	1746
Melting point (°C)	1084	Melting point (°C)	419.53
Density (g/cm ³)	8.96	Density (g/cm ³)	7.14
Electronegativity (Pauling scale)	1.90	Electronegativity (Pauling scale)	1.65
Abundance (mg/L)	60	Abundance (mg/L)	70

Group 4 – The (heavier) transition metals (100 points)		Group 4 – The (heavier) transition metals (100 points)	
^{46}Pd Palladium		^{47}Ag Silver	
Atomic weight (average)	106.42	Atomic weight (average)	107.87
First isolated	1802	First isolated	before 5000 BC
Melting point (°C)	1554.9	Melting point (°C)	961.78
Density (g/cm ³)	12.023	Density (g/cm ³)	10.49
Electronegativity (Pauling scale)	2.20	Electronegativity (Pauling scale)	1.93
Abundance (mg/L)	1.5x10 ⁻²	Abundance (mg/L)	7.5x10 ⁻²



Periodic table game cards (6 of 12)

Group 4 – The (heavier) transition metals (100 points)		Group 4 – The (heavier) transition metals (100 points)	
⁴⁸ Cd Cadmium		⁷⁸ Pt Platinum	
Atomic weight (average)	112.41	Atomic weight (average)	195.08
First isolated	1817	First discovered	1735
Melting point (°C)	321.07	Melting point (°C)	1768.3
Density (g/cm ³)	8.65	Density (g/cm ³)	21.45
Electronegativity (Pauling scale)	1.65	Electronegativity (Pauling scale)	2.28
Abundance (mg/L)	0.15	Abundance (mg/L)	5x10 ⁻³

Group 4 – The (heavier) transition metals (100 points)		Group 4 – The (heavier) transition metals (100 points)	
⁷⁹ Au Gold		⁸⁰ Hg Mercury	
Atomic weight (average)	196.97	Atomic weight (average)	200.59
First discovered	before 6000 BC	First discovered	before 2000 BC
Melting point (°C)	1064.18	Melting point (°C)	-38.29
Density (g/cm ³)	19.30	Density (g/cm ³)	13.53
Electronegativity (Pauling scale)	2.54	Electronegativity (Pauling scale)	2.00
Abundance (mg/L)	4x10 ⁻³	Abundance (mg/L)	8.5x10 ⁻²



Periodic table game cards (7 of 12)

Group 5 – The post-transition metals (80 points)		Group 5 – The post-transition metals (80 points)	
¹⁵ Al Aluminium		³¹ Ga Gallium	
Atomic weight (average)	26.98	Atomic weight (average)	69.72
First isolated	1824	First isolated	1875
Melting point (°C)	600.32	Melting point (°C)	29.76
Density (g/cm ³)	2.70	Density (g/cm ³)	5.91
Electronegativity (Pauling scale)	1.61	Electronegativity (Pauling scale)	1.81
Abundance (mg/L)	8.23x10 ⁴	Abundance (mg/L)	19

Group 5 – The post-transition metals (80 points)		Group 5 – The post-transition metals (80 points)	
⁴⁹ In Indium		⁵⁰ Sn Tin	
Atomic weight (average)	114.82	Atomic weight (average)	118.71
First isolated	1864	First discovered	around 3500 BC
Melting point (°C)	156.59	Melting point (°C)	231.93
Density (g/cm ³)	7.31	Density (g/cm ³)	7.26 / 5.76
Electronegativity (Pauling scale)	1.78	Electronegativity (Pauling scale)	1.96
Abundance (mg/L)	0.25	Abundance (mg/L)	2.3



Periodic table game cards (8 of 12)

Group 5 – The post-transition metals (80 points)		Group 5 – The post-transition metals (80 points)	
^{81}Tl Thallium		^{82}Pb Lead	
Atomic weight (average)	204.38	Atomic weight (average)	207.2
First isolated	1862	First discovered	around 7000 BC
Melting point (°C)	304	Melting point (°C)	327.46
Density (g/cm ³)	11.85	Density (g/cm ³)	11.34
Electronegativity (Pauling scale)	1.62	Electronegativity (Pauling scale)	1.87
Abundance (mg/L)	0.85	Abundance (mg/L)	14

Group 6 – The metalloids (60 points)		Group 6 – The metalloids (60 points)	
^5B Boron		^{14}Si Silicon	
Atomic weight (average)	10.81	Atomic weight (average)	20.08
First isolated	1808	First isolated	1823
Melting point (°C)	2076	Melting point (°C)	1414
Density (g/cm ³)	2.08	Density (g/cm ³)	2.32
Electronegativity (Pauling scale)	2.04	Electronegativity (Pauling scale)	1.90
Abundance (mg/L)	10	Abundance (mg/L)	2.82x10 ⁵



Periodic table game cards (9 of 12)

Group 6 – The metalloids (60 points)		Group 6 – The metalloids (60 points)	
^{32}Ge Germanium		^{33}As Arsenic	
Atomic weight (average)	72.63	Atomic weight (average)	74.92
First discovered	1886	First isolated	before 300 CE
Melting point (°C)	938.25	Sublimation point (°C)	615
Density (g/cm ³)	5.32	Density (g/cm ³)	5.72
Electronegativity (Pauling scale)	2.01	Electronegativity (Pauling scale)	2.18
Abundance (mg/L)	1.5	Abundance (mg/L)	1.8

Group 6 – The metalloids (60 points)		Group 6 – The metalloids (60 points)	
^{51}Sb Antimony		^{52}Te Tellurium	
Atomic weight (average)	121.76	Atomic weight (average)	127.60
First isolated	before 800 CE	First discovered	1782
Melting point (°C)	630.63	Melting point (°C)	449.51
Density (g/cm ³)	6.69	Density (g/cm ³)	6.24
Electronegativity (Pauling scale)	2.05	Electronegativity (Pauling scale)	2.10
Abundance (mg/L)	0.2	Abundance (mg/L)	1x10 ⁻³



Periodic table game cards (10 of 12)

Group 7 – Other non-metals (40 points)		Group 7 – Other non-metals (40 points)	
${}^6\text{C}$ Carbon		${}^7\text{N}$ Nitrogen	
Atomic weight (average)	12.01	Atomic weight (average)	14.00
First recognised as an element	1789	First isolated	520.2
Sublimation point (°C)	3642	Melting point (°C)	-210
Density (g/cm ³)	1.8-2.1/2.26/3.51	Density (g/L)	1.25
Electronegativity (Pauling scale)	2.55	Electronegativity (Pauling scale)	3.04
Abundance (mg/L)	200	Abundance (mg/L)	19

Group 7 – Other non-metals (40 points)		Group 7 – Other non-metals (40 points)	
${}^8\text{O}$ Oxygen		${}^9\text{F}$ Fluorine	
Atomic weight (average)	15.99	Atomic weight (average)	18.99
First discovered	1771	First isolated	1886
Melting point (C)	-218.79	Melting point (°C)	-219.67
Density (g/L)	1.429	Density (g/L)	1.696
Electronegativity (Pauling scale)	3.44	Electronegativity (Pauling scale)	3.98
Abundance (mg/L)	4.61x10 ⁵	Abundance (mg/L)	585



Periodic table game cards (11 of 12)

Group 7 – Other non-metals (40 points)		Group 7 – Other non-metals (40 points)	
^{15}P Phosphorous		^{16}S Sulphur	
Atomic weight (average)	30.97	Atomic weight (average)	32.06
First discovered	1669	First recognised as an element	1777
Melting point (°C)	44.15	Melting point (°C)	115.21
Density (g/cm ³)	1.82 – 2.69	Density (g/cm ³)	1.92 – 2.07
Electronegativity (Pauling scale)	2.19	Electronegativity (Pauling scale)	2.58
Abundance (mg/L)	1.05x10 ³	Abundance (mg/L)	350

Group 8 – The noble gases (20 points)		Group 8 – The noble gases (20 points)	
^2He Helium		^{10}Ne Neon	
Atomic weight (average)	4.00	Atomic weight (average)	20.18
First isolated	1895	First isolated	1898
Melting point (°C)	-272.2	Melting point (°C)	-453.65
Density (g/L)	0.178	Density (g/L)	0.900
Electronegativity (Pauling scale)	no data	Electronegativity (Pauling scale)	no data
Abundance (mg/L)	8x10 ⁻³	Abundance (mg/L)	5x10 ⁻³



Periodic table game cards (12 of 12)

Group 8 – The noble gases (20 points)		Group 8 – The noble gases (20 points)	
^{18}Ar Argon		^{36}Kr Krypton	
Atomic weight (average)	39.94	Atomic weight (average)	83.79
First isolated	1894	First isolated	1898
Melting point (°C)	-185.848	Melting point (°C)	-153.415
Density (g/L)	1.784	Density (g/L)	3.749
Electronegativity (Pauling scale)	no data	Electronegativity (Pauling scale)	3.00
Abundance (mg/L)	3.5	Abundance (mg/L)	1×10^{-4}

Group 8 – The noble gases (20 points)		Group 8 – The noble gases (20 points)	
^{54}Xe Xenon		^{86}Rd Radon	
Atomic weight (average)	131.29	Atomic weight (average)	(222)
First isolated	1898	First isolated	1910
Melting point (°C)	-111.75	Melting point (°C)	-71
Density (g/L)	5.894	Density (g/L)	9.73
Electronegativity (Pauling scale)	2.6	Electronegativity (Pauling scale)	2.2
Abundance (mg/L)	3×10^{-5}	Abundance (mg/L)	4×10^{-11}



Periodic table game cards ('wild cards' when playing the 'PIT' version)

Wild Card – Endothermic reactions (-40 points)	Wild Card – Exothermic reactions (+/-40 points)
<div data-bbox="336 546 651 813" style="text-align: center; border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>Endothermic reactions</p> </div> <div data-bbox="226 840 764 1167" style="background-color: black; color: white; padding: 5px;"> <p>This is a BAD card to have: you cannot make a set (and so, win) if you have it. Plus, if you have it at the end of the game you lose 40 points. You can't give it to another player on its own but ALWAYS with at least one other card (but, of course, don't tell anybody you've got it 😊)</p> </div>	<div data-bbox="970 546 1284 813" style="text-align: center; border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>Exothermic reactions</p> </div> <div data-bbox="858 840 1396 1167" style="background-color: black; color: white; padding: 5px;"> <p>This can be a GOOD card to have: you can use it as a 'wild card', so can make a set with 5 cards plus this. If you make a set of 6 plus this card you get an extra 40 points in addition to the set score. But if you have it when someone else gets a set of 6, you lose 40 points.</p> </div>