

## Key to the American Chemical Society's "Periodic Table of the Elephants"

*With many thanks to William Trammell, Savannah River's NCW Coordinator*

Period	Group	Atomic No.	Symbol	Element	Meaning	T-Shirt
1	1A	1	H	Hydrogen	Elephant on fire/the sun	Front
1	8A	18	He	Helium	Elephant balloon (inflated with Helium)	Back
2	1A	1	Li	Lithium	Energizer elephant batteries	Front
2	2A	2	Be	Beryllium	Cold elephant (Brr-illium)	Front
2	3A	13	B	Boron	"Bored" elephant	Back
2	4A	14	C	Carbon	Elephant cooking over charcoal grill	Back
2	5A	15	N	Nitrogen	Elephant growing like a plant after receiving nitrogen/nitrogen-fixing legume	Back
2	6A	16	O	Oxygen	Elephant in SCUBA diving gear (breathing oxygen from the tanks)	Back
2	7A	17	F	Fluorine	Elephant using toothpaste with fluoride	Back
2	8A	18	Ne	Neon	Elephant "neon sign"	Back
3	1A	1	Na	Sodium	Elephant looking like the girl on the Morton's salt logo	Front
3	2A	2	Mg	Magnesium	Elephant magnet (Magnet-sium) (both have the same root word, Magnesia, though magnesium is not magnetic)	Back
3	3A	13	Al	Aluminum	Elephant aluminum foil	Back
3	4A	14	Si	Silicon	Sand elephant (silicon dioxide)	Back
3	5A	15	P	Phosphorous	Elephant that is phosphorescent	Back
3	6A	16	S	Sulfur	Elephant smells something that stinks like sulfur	Back
3	7A	17	Cl	Chlorine	Elephant in a chlorinated pool	Back
3	8A	18	Ar	Argon	Elephant from Jason and the Argonauts play on words	Back
4	1A	1	K	Potassium	Chiquita banana elephant	Front
4	2A	2	Ca	Calcium	Bones of elephant visible	Front
4	3B	3	Sc	Scandium	Elephant with bar code (Scan-dium)	Front
4	4B	4	Ti	Titanium	Elephant on lightweight (titanium) bicycle	Front
4	5B	5	V	Vanadium	Vain elephant (play on words); element named for the Northern-Germanic tribes' goddess Vanadis (Goddess of Beauty)	Front
4	6B	6	Cr	Chromium	Chrome-plated elephant	Front
4	7B	7	Mn	Manganese	Elephant on tropical island holding "mangos"	Front
4	8B	8	Fe	Iron	Elephant hammering iron nails	Front
4	8B	9	Co	Cobalt	Blue elephant (cobalt blue)	Front
4	8B	10	Ni	Nickel	Elephant on 5 cent coin (nickel)	Front
4	1B	11	Cu	Copper	Copper-tone elephant	Back
4	2B	12	Zn	Zinc	Elephant with zinc oxide on its trunk to protect it from the sun	Back
4	3A	13	Ga	Gallium	Elephant in France or "Gallia," its Latin name	Back
4	4A	14	Ge	Germanium	Elephant in VW Beetle car from Germany	Back
4	5A	15	As	Arsenic	Elephant dressed like character from "Arsenic and Old Lace"	Back
4	6A	16	Se	Selenium	Elephant on the moon, for the Greek word the name is derived	Back
4	7A	17	Br	Bromine	Elephant with camera refers to silver bromides used in film	Back
4	8A	18	Kr	Krypton	Superman elephant is effected by Kryptonite	Back
5	1A	1	Rb	Rubidium	Elephant in "ruby" slippers like Dorothy in "The Wizard of Oz"	Front
5	2A	2	Sr	Strontium	Strong (Stron-tium) elephant lifting weight play on words	Front
5	3B	3	Y	Yttrium	Elephant on TV tube shows use of Yttrium	Front
5	4B	4	Zr	Zirconium	Elephant on ring is a cubic zirconia stone	Front
5	5B	5	Nb	Niobium	"New born" elephant (Nio-bium) play on words	Front
5	6B	6	Mo	Molybdenum	Unsinkable "Molly" Brown rowing away from Titanic	Front
5	7B	7	Tc	Technetium	Elephant in space (Tech-netium) play on words	Front
5	8B	8	Ru	Ruthenium	Babe Ruth elephant (Ruth-enium) play on words	Front
5	8B	9	Rh	Rhodium	Elephant riding horse in rodeo play (Rhodi-um) play on words	Front
5	8B	10	Pd	Palladium	Elephant looks like Paladin - the cowboy hero from the TV show "Have gun, will travel" play on words	Front
5	1B	11	Ag	Silver	Lone Ranger elephant riding Silver, his horse - "Heigh-Ho Silver, away"	Back
5	2B	12	Cd	Cadmium	Elephant painting with Cadmium red paint	Back
5	3A	13	In	Indium	Elephant driving a Indy 500 race car	Back
5	4A	14	Sn	Tin	Elephant as Tin Man from "The Wizard of Oz"	Back
5	5A	15	Sb	Antimony	Elephant looking like an Egyptian play on "Antony and Cleopatra"	Back
5	6A	16	Te	Tellurium	Elephant from Telluride, the ski resort in Colorado	Back
5	7A	17	I	Iodine	Baby elephant getting tincture of iodine put on cut to disinfect it	Back
5	8A	18	Xe	Xenon	Warrior princess elephant Xenon	Back
6	1A	1	Cs	Cesium	Elephant dressed like Caesar (Ces-ium) play on words	Front

Period	Group	Atomic No.	Symbol	Element	Meaning	T-Shirt	
6	2A	2	56	Ba	Barium	Elephant in casket (Bury him) play on words	Front
6			57	La	Lanthanum	Elephant hidden in the leaves of the lantana plant (name comes from Greek word meaning "to lie hidden")	Front
6			58	Ce	Cerium	Elephant shaped cereal in bowl of milk (Cer-ium) play on words	Front
6			59	Pr	Praseodymium	Green twin elephants (name comes from Greek words meaning "green twin")	Front
6			60	Nd	Neodymium	Green tiny elephants in pod (name comes from Greek words meaning "new twin")	Front
6			61	Pm	Promethium	Elephant as Prometheus stealing fire from the sky mythology	Front
6			62	Sm	Samarium	Samurai elephant	Front
6			63	Eu	Europium	Elephant in Europe - Eiffel Tower & Leaning Tower of Pisa	Front
6			64	Gd	Gadolinium	Elephant as gondola operator in Venice (Ga-dol-ium) play on words	Front
6			65	Tb	Terbium	Elephant driving a "turbo" charged car	Back
6			66	Dy	Dysprosium	Elephant rock star after some band with a similar name	Back
6			67	Ho	Holmium	Elephant "Sherlock Holmes" play on words	Back
6			68	Er	Erbium	Elephant in scrubs like doctor in he "ER"	Back
6			69	Tm	Thulium	Elephant doing yoga; his mantra is "Tummmm" play on words	Back
6			70	Yb	Ytterbium	Turbo elephant play on words	Back
6	3B	3	71	Lu	Lutetium	Elephant lieutenant play on words	Back
6	4B	4	72	Hf	Hafnium	Half an elephant	Front
6	5B	5	73	Ta	Tantalum	Elephant throws a tantrum (Tant-alum) play on words	Front
6	6B	6	74	W	Tungsten	Elephant's face is light bulb - use for tungsten	Front
6	7B	7	75	Re	Rhenium	Elephant is a baby "wren"	Front
6	8B	8	76	Os	Osmium	Wizard of Oz elephant on yellow brick road	Front
6	8B	9	77	Ir	Iridium	Elephant like a rainbow from Latin word for its name--iridescent	Front
6	8B	10	78	Pt	Platinum	Elephant Platinum credit card	Front
6	1B	11	79	Au	Gold	Gold bar elephant	Back
6	2B	12	80	Hg	Mercury	Elephant like the Greek god Mercury	Back
6	3A	13	81	Tl	Thallium	Elephant with young green shoots on it, from the Greek word for the element	Back
6	4A	14	82	Pb	Lead	Heavy elephant for the heaviest, (most dense) element	Back
6	5A	15	83	Bi	Bismuth	Elephant holding Pepto-Bismol bottle which contains bismuth	Back
6	6A	16	84	Po	Polonium	Polish elephant	Back
6	7A	17	85	At	Astatine	Balancing elephant-name is from the Greek word "astatos" meaning "unstable"	Back
6	8A	18	86	Rn	Radon	Elephant protecting itself from a harmful gas, Radon	Back
7	1A	1	87	Fr	Francium	Elephant in France	Front
7	2A	2	88	Ra	Radium	Elephant with radio	Front
7			89	Ac	Actinium	Elephant actor	Front
7			90	Th	Thorium	Elephant dressed like the Norse god of thunder, Thor	Front
7			91	Pa	Protactinium	Elephant protractor	Front
7			92	U	Uranium	Elephant as a tank, with tank armor reinforced with a uranium alloy	Front
7			93	Np	Neptunium	Elephant like Neptune, god of the sea	Front
7			94	Pu	Plutonium	Alien elephant from Pluto	Front
7			95	Am	Americium	American flag elephant	Front
7			96	Cu	Curium	Madame Curie elephant	Front
7			97	Bk	Berkelium	Elephant with tie-dyed shirt from UC-Berkley in the '60s hippie culture	Back
7			98	Cf	Californium	Surfer dude elephant from CA	Back
7			99	En	Einsteinium	Einstein elephant	Back
7			100	Fm	Fermium	Mushroom cloud elephant like nuclear blast from Fermi's work	Back
7			101	Md	Mendelevium	Elephant like Mendeleev, who developed the Periodic Table	Back
7			102	No	Nobelium	Elephant dressed like a "nobleman"	Back
7	3B	3	103	Lr	Lawrencium	Elephant dressed like a lawyer	Back
7	4B	4	104	Rf	Rutherfordium	Elephant with cape and tights & "alpha" symbol on chest referencing Rutherford's experiment with alpha particles and gold foil	Front
7	5B	5	105	Db	Dubnium	Stackable Russian doll elephants for Dubna, the Russian town this element is named for	Front
7	6B	6	106	Sg	Seaborgium	Elephant sailor for "Sea-borgium" play on words	Front
7	7B	7	107	Bh	Bohrium	Elephant as nucleus from Neils Bohr's structure of the atom	Front
7	8B	8	108	Hs	Hassium	Elephant dressed in the traditional "Trachten" costume from Hessen, the German state sharing Latin word origin ("Hassias")	Front
7	8B	9	109	Mt	Meitnerium	Elephant that looks like part of a mountain (Mt)	Front