

A Periodic Table

₁ H																	₂ He																														
₃ Li	₄ Be											₅ B	₆ C	₇ N	₈ O	₉ F	₁₀ Ne																														
₁₁ Na	₁₂ Mg											₁₃ Al	₁₄ Si	₁₅ P	₁₆ S	₁₇ Cl	₁₈ Ar																														
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																														
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																														
₅₅ Cs	₅₆ Ba		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																														
₈₇ Fr	₈₈ Ra		₁₀₄ Rf	₁₀₅ Db	₁₀₆ Sg	₁₀₇ Bh	₁₀₈ Hs	₁₀₉ Mt	₁₁₀ Ds	₁₁₁ Rg	₁₁₂ Cn	₁₁₃ Nh	₁₁₄ Fl	₁₁₅ M	₁₁₆ Lv	₁₁₇ Ts	₁₁₈ Og																														
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td>₅₇La</td> <td>₅₈Ce</td> <td>₅₉Pr</td> <td>₆₀Nd</td> <td>₆₁Pm</td> <td>₆₂Sm</td> <td>₆₃Eu</td> <td>₆₄Gd</td> <td>₆₅Tb</td> <td>₆₆Dy</td> <td>₆₇Ho</td> <td>₆₈Er</td> <td>₆₉Tm</td> <td>₇₀Yb</td> <td>₇₁Lu</td> </tr> <tr> <td>₈₉Ac</td> <td>₉₀Th</td> <td>₉₁Pa</td> <td>₉₂U</td> <td>₉₃Np</td> <td>₉₄Pu</td> <td>₉₅Am</td> <td>₉₆Cm</td> <td>₉₇Bk</td> <td>₉₈Cf</td> <td>₉₉Es</td> <td>₁₀₀Fm</td> <td>₁₀₁M</td> <td>₁₀₂No</td> <td>₁₀₃Lr</td> </tr> </tbody> </table>																		₅₇ La	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	₈₉ Ac	₉₀ Th	₉₁ Pa	₉₂ U	₉₃ Np	₉₄ Pu	₉₅ Am	₉₆ Cm	₉₇ Bk	₉₈ Cf	₉₉ Es	₁₀₀ Fm	₁₀₁ M	₁₀₂ No	₁₀₃ Lr
₅₇ La	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																																	
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A Periodic Table Quilt Handout

Check out the Periodic Table Quilt playlist:

The Element Song by Tom Lehrer, part of this quilt's inspiration.

NaCl by the McGarrigle Sisters

Metals, album by Feist

Heartbreaker by Led Zeppelin

1	H	Hydrogen	As if surfing and yoga competitions weren't enough, the elements are now vying for first place.	Woof & Wags, Kelly May-Krenz / Eclectic Elements, Tim Holz
2	He	Helium	From the Greek <i>helios</i> , sun. Discovered as an unknown spectral line during a solar eclipse in 1868.	"Space Race", Sky Studio, Benartex
3	Li	Lithium	From ancient Greek, <i>lithos</i> , stone, because it was discovered in a solid mineral.	Timeless Treasures
4	Be	Beryllium	The gemstones aquamarine and emerald both have high Be content.	Village, Sun Print Luminance, Alison Glass / Quarry Hill, Benartex
5	B	Boron	Chemically uncombined boron is not found on earth but is present in small amounts in meteorites. Having problems finding a meteorite? Visit our website meteorites4U.bs for a complete selection.	"Space Race", Sky Studio, Benartex
6	C	Carbon	Charcoal and diamonds are but two configurations of carbon atoms. Only one form is forever.	The Ghastlies, Alexander
7	N	Nitrogen	A ton of cow manure contains 10 pounds of nitrogen. To return this element to nature it is best to spread it around, while avoiding stepping in it.	On the Farm, Udderly Cows, Contempo Studios
8	O	Oxygen	No points for figuring out what these guys and gals are breathing.	Out of This World- Astronauts Whistler Studios

9	F	Fluorine	Named after its primary mineral source, fluorite. From the Latin verb <i>fluere</i> , to flow.	Zuma, Tula Pink
10	Ne	Neon	Not our first choice (which was <i>Welcome to Fabulous Las Vegas</i>), but a great illustration of Americana nevertheless.	On the Road Retro, Neon Diner Fabric, Robert Kaufman
11	Na	Sodium	Independently, these two elements are highly corrosive. Together, they are very stable and add a little flavour to our food. Uncontestably the BFFs of the periodic table. Doubtful? Check out the McGarrigle Sisters' NaCl song.	Science Lab, Timeless Treasures
17	Cl	Chlorine		
12	Mg	Magnesium	Health Canada recommends 310-320 mg daily for women, 400-420 mg for men. Sources are fresh vegetables, tea and coffee, although one should not rely exclusively on the latter two to obtain a full daily dose!	Let's Do Lunch, Margaret Burg, Robert Kaufman / Delicious Foods, Suzuko Koseki
13	Al	Aluminium	The great idea of a cold aluminum beer can was vetoed by the cats.	Disco Kitty, Tula Pink
14	Si	Silicon	Who doesn't love a nice pear?	Sun Print, Alison Glass
15	P	Phosphorus	From the name <i>Phosphoros</i> (light-bearer) in Greek mythology, Lucifer in Latin, the most common meaning of the latter being the devil in Christian theology.	Gruss vom Krampus
16	S	Sulphur	Sulphur yellow.	Shot Cotton, Kaffe Fassett
17	Cl	Chlorine	See element 11 above.	
18	Ar	Argon	Because it is chemically inactive, it was named after the Greek <i>argon</i> , lazy, slothful. This and the other inert gases are now known as the noble gases, a clear indication that taking a nap is to be commended.	Just Hanging, Timeless Treasures
19	K	Potassium	The American Hearth Association recommends a daily intake of 2,600 mg for women, and 3,400 mg for men. A medium banana (peeled), has 420 mg.	Tula Pink

20	Ca	Calcium	The Mayo Clinic recommends a daily intake of 1,000 mg for adult men and women, 1,200 mg for the later stages of life. Most would opt for a glass of milk but there's something about a grilled cheese sandwich from a food truck!	Food Trucks, Pela Studio, Robert Kaufman
21	Sc	Scandium	The main use is as an alloy for aerospace components including some used in fighter jets.	Timeless Treasures / Grunge, Moda
22	Ti	Titanium	This element's illustration is left as a quiz to solve.	First look, Whistler Studios
23	V	Vanadium	First named <i>panchromium</i> , all colours. Later changed to honour Vanadis (aka Freyja), goddess of love, beauty, fertility, sex. Quite the job.	Tatoo, Alexander Henry Fabrics / Daydreamer, Tula Pink
24	Cr	Chromium	From the Greek <i>chroma</i> , colour. Many compounds are intensely coloured.	Rainbow Feather, Art Theory, Alison Glass
25	Mn	Manganese	Daily recommended intake is 1.8 mg for women, 2.3 mg for men. A half cup of pineapple chunks contains 0.8 mg. Supplement with brown rice and/or whole wheat bread.	Pineapple Fun, Benartex / True Colors, Tula Pink
26	Fe	Iron	<i>In a gadda da vida</i> , baby!	Flutter, Banyan Batiks
27	Co	Cobalt	Cobalt blue.	Grunge Seeing Stars (back), Moda
28	Ni	Nickel	The version of the Canadian nickel introduced in 1922 was originally 99.9% nickel metal. This was changed to a copper-nickel alloy in 1982. The obverse of this coin has depicted George V, George VI and Elizabeth II. The reverse, a beaver on a rock.	Beaver and Bloom Sycamore, Bonnie Christine, Art Gallery Fabrics Batik
29	Cu	Copper	(Slightly weathered) copper.	
30	Zn	Zinc	From the German, <i>Zinke</i> , prong, tooth. And what better teeth than that of the Cheshire cat?	Disney Cheshire Cat fabric

31	Ga	Gallium	Named after Gaul, ancient region which currently includes France, Belgium, the Netherlands, Luxembourg and parts of Germany and northern Italy. Since the Romans cultivated grapes in what is today Provence, why not pop the cork of a nice bottle of rosé. Note: table and chairs may not be authentic gallic furniture.	Fall in Love by Windham Fabrics / Wine Night Seals, Henry Glass
32	Ge	Germanium	Because of its high index of refraction and low optical dispersion, it is used for wide-angle camera lenses, fiber optics and microscopy.	School is Cool, Nancy Mink, Wilmington Prints
33	As	Arsenic	As toxic as it is made out to be in murder mysteries.	De La Luna, Tula Pink
34	Se	Selenium	From ancient Greek <i>selene</i> , moon.	"Space Race" , Sky Studio, Benartex
35	Br	Bromine	At room temperature, it is a red-brown liquid.	Dit Dot Evolution, Jason Yenter
36	Kr	Krypton	From the Greek <i>kryptos</i> , the hidden one. Hidden, or well camouflaged?	Sevenberry, Japan
37	Rb	Rubidium	Not named after its colour (whitish-gray), but after its emission spectrum from flame spectroscopy, <i>rubidus</i> , deep red.	Thatched, Robin Pickens, Moda
38	Sr	Strontium	A yellowish metallic element. The number 38 has been a personal favourite since high school.	Quarry Hill, Benartex / Eclectic Elements, Tim Holtz
39	Y	Yttrium	Used to create the red colour in television CRTs, it is also used in the production of synthetic garnets. At first, the symbol Yt was used, but later Y was adopted. Why?	Palette, Marcia Derse / Glyphs, e bond
40	Zr	Zirconium	Related to Persian <i>zargun</i> , gold-like. For those expecting cubic zirconia, a small sample is provided.	The Ghastlies, Alexander Henry / Grunge Metallic, Moda
41	Nb	Niobium	Formerly known as <i>columbium</i> . Christopher is on the starboard side of the ship and so not currently visible.	Village, Sun Print Luminance, Alison Glass

42	Mo	Molybdenum	Used mostly in metallurgy for structural and stainless steel. It is reported that this element was alloyed with steel in one Japanese sword (c. 1330). To what use the sword was put is not known.	The Ghastlies, Alexander Henry
43	Tc	Technetium	From the Greek <i>teknētos</i> , artificial. Art is artificial, not being found in nature, literature and music being two examples. Other forms of art are also available.	Aria, Andover Fabrics
44	Ru	Ruthenium	In Mandarin, the number <i>four</i> is a homonym of <i>death</i> .	Pet Cemetery - Scaredy Cat, Rachel Hauer
45	Rh	Rhodium	When a recording artist sells a lot of lps, they receive a gold record. Sell even more and get a platinum one. Sell a whole lot more, and we mean a big whole lot, and you are awarded a rhodium record. First ever recipient: Sir Paul. And yes, that penguin should go back where it belongs.	Digital Trail Map - Ticket to the Zoo, Rebecca Jones
46	Pd	Palladium	Named after the asteroid 2 Pallas, itself named after Pallas, daughter of Triton. Pallas was accidentally killed by Athena who later took on the name Pallas in honour of her friend. Athena is associated with, and often depicted as, an owl. Athene is also the genus of 9 small owls.	Menagerie Onyx, Sarah Watson, Art Gallery Fabrics
47	Ag	Silver	Silver baubles.	Wiltshire Shadow Collection, Liberty of London
48	Cd	Cadmium	Cadmium salts are used in red, orange and yellow paint pigments. Ask a painter if they like cadmium red!	Prism, Giucy Giuce
49	In	Indium	Discovered with the use of spectroscopic methods, where it exhibits an indigo blue line.	Stone Quarry, Benartex
50	Sn	Tin	Tin can, tin man. Of the latter, what better example than the one in the Wizard.	Passport, Sharon Holland, Art Gallery Fabrics

51	Sb	Antimony	Antimony sulfide (Sb_2S_3), mixed with oils or waxes, was used in ancient Egypt as an eye cosmetic, possibly the original mascara.	De La Luna, Tula Pink
52	Te	Tellurium	From the Latin <i>tellus</i> , earth. Note the element immediately above it in the periodic table.	Encyclopedia Historica-Polarities, Andover Fabrics
53	I	Iodine	This halogen melts at 114°C to a deep violet liquid. And the bunnies? They're an inside joke.	Sun Print, Alison Glass
54	Xe	Xenon	Harold Edgerton (1903 - 1990) invented the xenon flash lamp which permitted him to take photos of a bullet in flight and a milk drop splashing, among others.	Farm to Table, Ann Kelle, Robert Kaufman
55	Cs	Caesium	From the Latin <i>caesius</i> , sky-blue. Not named after the colour of the metal (golden), but for the blue lines in its emission spectrum.	Grunge Seeing Stars, Moda
56	Ba	Barium	One of its few industrial applications is an additive to fireworks to give them a green colour.	Speckled (in frost), Rashida Coleman-Hale, Ruby Star Society
57	La	Lanthanum	The first of the rare earth elements known as the lanthanides, it was discovered as an impurity in cerium nitrate and its name derived from the ancient Greek <i>lanthanein</i> , to lie hidden. A bit like a stealth plane over La.	Highway Route 66, Alexander Henry / Timeless Treasures
58	Ce	Cerium	Named after the asteroid Ceres, itself named the goddess of agriculture, crops and fertility.	The Ghastlies, Alexander Henry
59	Pr	Praseodymium	From the Greek <i>prasinos</i> , leek-green, and <i>didymos</i> , twin. Which part of the leek is not specified. For its twin, see next element.	Quarry Hill, Benartex
60	Nd	Neodymium	From the Greek <i>neos</i> , new, and <i>didymos</i> , twin. The twin elements are combined in glass-blowing safety glasses. This combination was first believed to be one element (Di), but the twins were eventually separated (not at birth).	The Ghastlies, Alexander Henry

61	Pm	Promethium	After Prometheus, who stole fire from the Gods and gave it to humanity. As punishment he was bound to a rock; during the day, an eagle would eat his liver which grew back overnight. Another good deed that did not go unpunished.	Firehouse, Timeless Treasures
62	Sm	Samarium	Both of these elements were discovered by Paul-Emile Lecoq de Boisbaudran	Fox Wood, Betsy Olmsted
66	Dy	Dysprosium	(1838 - 1912), a French chemist. Le coq means <i>the rooster</i> in French.	
63	Eu	Europium	Named after the European continent. Note the element immediately below it.	Seven Seas, Windham Antique World Globe Map, Windham
64	Gd	Gadolinium	Named after the mineral gadolinite from which it was extracted and which itself was named after the Finnish chemist and geologist Johan Gadolin (1760 - 1852). Note that the flag of Finland is in a 11:18 ratio, not 11:11 as illustrated here.	Superior Solids, Benartex / Kona Cotton, Kona
65	Tb	Terbium	Used in tri-chromatic lighting (think big-screen TV) to produce primary green. In real life (or real TV) would be flanked by blue and red.	Neon Pom Pom, Tula Pink
66	Dy	Dysprosium	See element 62 above.	Zooming Chickens, Timna Tarr Studio E
67	Ho	Holmium	Has the highest magnetic saturation of any element and is used as the poles in static magnets.	Science Fair, Robert Kaufman
68	Er	Erbium	Silvery white, its Er ³⁺ ions are pink coloured and used in laser applications because of their fluorescent properties.	Superior Solids, Benartex
69	Tm	Thulium	From Thule, an ancient Greek place name associated with Scandinavia. Adjacent areas included for completeness.	Seven Seas, Windham Antique World Globe Map
70	Yb	Ytterbium	In 2013 the NIST reported that atomic clocks running on ytterbium had set a record for stability, being accurate within 1 second over the age of the universe.	Mad Masquerade, J. Wecker Frisch

71	Lu	Lutetium	From the Latin <i>Lutetia</i> , Paris.	Fall in Love, Windham Fabrics
72	Hf	Hafnium	Named after <i>Hafnia</i> , the Danish name of Copenhagen. One of this city's landmarks is its little mermaid statue by the harbour. Predates and is unrelated to Disney.	Tattoo, Alexander Henry
73	Ta	Tantalum	Named after Tantalus in Greek mythology. This villain revealed some of the Gods' secrets and served up his son at a banquet. If there is a villain in Alice in Wonderland, albeit not at the same level, it has to be the Duchess.	Mad Masquerade, J. Wecker Frisch
74	W	Tungsten	Also known as wolfram, which is used in European Germanic, Spanish and Slavic languages. In German, Wolf Rahm means wolf's soot or wolf's cream.	Indian Summer, Sarah Watson, Art Gallery Fabrics
75	Re	Rhenium	Named after the Latin for Rhine. 70% of world production is used in high-temperature super-alloys used in the manufacturing of jet engines.	The Ghastlies, Alexander Henry
76	Os	Osmium	From the ancient Greek, <i>osme</i> , smell; when exposed to air it forms osmium tetroxide, a compound with a strong smell. We have asked four of our friends to verify that a rose, by any other name, would smell as sweet.	Chic Escape, Tilda Finnanger / Besties, Tula Pink
77	Ir	Iridium	Named after the Greek goddess Iris. The metal itself is silvery-white, but its salts are of diverse colours.	Garden Medley, Create Joy Project
78	Pt	Platinum	Solid platinum.	Palette, Marcia Derse, Windham
79	Au	Gold	Gold bars!	Zip!, Ruby Star Society
80	Hg	Mercury	Starting in the 17th century, mercury nitrate was used to strip fur from animal skin in the making of felt. Hatters were exposed to the fumes leading to mercury poisoning.	Mad Hatter's Party, J Wecker Frisch
81	Tl	Thallium	From the Greek <i>thallos</i> , a green shoot. So named because of its bright green spectral emission lines.	Monkey Wrench, Tula Pink

82	Pb	Lead	From the album LZ II, or should that be PbZ II?	Handwritten XOXO, Camelot Fabrics
83	Bi	Bismuth	Does this shade of pink remind you of something in your pharmacy? Check the label and you will see bismuth subsalicylate.	Tula Pink Solids, Tula Pink
84	Po	Polonium	"How now? A rat? Dead, for a ducat, dead!" III, 4. Alas, 'twas poor Polonium!	Curiouser and Curiouser, Tula Pink
85	At	Astatine	All of this element's isotopes are short-lived, with the most stable having a half-life of 8.1 hours. No sample has ever been assembled as its own radioactivity would immediately vaporize it (think Mission: Impossible). The elements above it in the periodic table get progressively darker, (fluor is nearly colourless; chlorine yellow-green; bromine red-brown; and iodine dark violet), so it is estimated to have a dark appearance.	Grunge, Moda
86	Rn	Radon	Discovered by Ernest Rutherford (1871 - 1937) and Robert Bowie Owens (1870 - 1940) at McGill University. Yes, the old school tie was sacrificed for this project.	Silk tie, McGill University
87	Fr	Francium	Allez! Allez! Allez! Yes, it's the Tour de Francium!	Velodrome A, Liberty of London
88	Ra	Radium	From the Latin <i>radius</i> (French <i>radium</i>), rays. Because of its emitting energy in the form of rays.	Grunge Seeing Stars, Moda / Sunday, Laura C Moyer, Moda
89	Ac	Actinium	From the Greek <i>aktis</i> , beam or ray. The ray won the right to represent this element winning best 3 out of 5 of rock, paper, scissors (paper, paper, paper).	Gentle Giants, Rachel Hauer, Free Spirit Fabrics
90	Th	Thorium	Named after Thor, the Norse god of thunder.	Playtime Weather, Jojo Coco, Dashwood Studio

91 109	Pa Mt	Protactinium Meitnerium	The first discovered by, and the second in honour of, Lise Meitner (1878 - 1968). She was nominated for the Nobel Prize in both chemistry (19 times) and physics (30 times) but was never made a laureate. Here's to the underappreciated and unrecognized women who helped develop the periodic table.	Alma, Alexia Abegg, Ruby Star Society
92	U	Uranium	Who me? Yes, you!	Glyphs, e bond, Free Spirit Fabrics
93	Np	Neptunium	Named after the planet Neptune, itself named after the god of the seas.	Starship Night Sky, Dear Stella
94	Pu	Plutonium	Synthetically produced in 1940, it was named after what was then the planet Pluto. In 2006 the International Astronomical Union redefined the term planet, and Pluto was reclassified as a dwarf planet because of its inability to "clear its neighbourhood" due to its relatively small mass. Not everyone agrees with this downgrading.	Grunge, Moda
95	Am	Americium	Named after the Americas. North and South sold separately. Map not suitable for navigational purposes.	Seven Seas, Whistler Studios, Windham Fabrics
96	Cm	Curium	Named after Marie Curie (1867 - 1934), a pioneer in radioactivity research. The first woman to win a Nobel prize and one of the very few laureates to have been awarded the prize in two disciplines, physics (1903) and chemistry (1911).	School is Cool, Nancy Mink, Wilmington Prints
97	Bk	Berkelium	Discovered in 1949 at what was then the University of California Radiation Laboratory (now Lawrence Berkeley National Laboratory). School colours: Berkeley blue and California gold. Sports team moniker: California golden bears.	Superior Solids, Benartex
98	Cf	Californium	Named after the state of California, home of the gold rush, Silicon Valley and half-decent pressed grapes.	After Five, Mary Beth Baker, Henry Glass Fabrics
99	Es	Einsteinium	Named after physicist Albert Einstein (1879-1955) developer of the theories of relativity and creator of the best known physics equation.	Science Chemistry, Timeless Treasures

100	Fm	Fermium	Named after Enrico Fermi (1901 - 1954), it was discovered in the fallout of the first hydrogen bomb. Codename of this thermonuclear device: Ivy Mike.	Windham Fabrics / In the Beginning Fabrics
101	Md	Mendelevium	Named after Dmitri Mendeleev (1834 - 1907) who formulated the Periodic Law and created a version of the Periodic Table. Ultimately responsible for this quilt. Gallium and Germanium are two of the elements that filled holes in the table developed by Mendeleev and that he expected to be eventually discovered.	Science Fair, Rani Child, Robert Kaufman
102	No	Nobelium	Named after Alfred Nobel (1833-1896). Established the Nobel prizes using his fortune which came from his invention of dynamite.	Super Dinos Words, Paintbrush Studios
103	Lr	Lawrencium	Named after Ernest Lawrence (1901 - 1958), inventor of the cyclotron. The cyclotron is a particle accelerator where the magnetic field keeps the particles moving in a spiral path, from the center to the outside edge.	Swirling Splendor, Benartex
104	Rf	Rutherfordium	Named after Ernest Rutherford (1871 - 1937) sometimes referred to as "the father of nuclear physics". In 1899 he separated radio-active decay into alpha (consisting of a positive charge made up of 2 protons and 2 neutrons) and beta (consisting of a negative charge of 1 electron). In 1903 he added a third type consisting of gamma rays (not included due to potential health hazard). Since then, things have gotten more complicated with positive beta decay, electron capture and a whole host of other phenomenon.	Pulsar (meteroite), Alison Glass
105	Db	Dubnium	In the 1960s the US and the USSR engaged in the <i>Transferrmium Wars</i> , the battle to name the synthetic elements heavier than fermium. LBL suggested the name bohrium for element 105 then changed their proposal to nielsbohrium; they already had proposed hahnium. JINR proposed dubnium. IUPAC proposed joliotium. In 1996 (!) IUPAC et al. settled on dubnium. There is no evidence that light-sabers were used in this war, but who knows. You cannot make this stuff up.	Star Wars, Camelot Fabrics
106	Sg	Seaborgium	Named after Glenn T. Seaborg (1912 - 1999) whose work on the chemistry of plutonium, as part of the Manhattan project, provided the fuel for implosion-type atomic bombs.	Bon Voyage, Rifle Paper Co.

107	Bh	Bohrium	Named after physicist Neils Bohr (1885 - 1962). His model of the atom posits that the energy level of the electrons are discrete and that the electrons jump from one level to another in discrete steps. The cat is assumed to be Schrödinger's before it was confined in its box.	Besties, Tula Pink
108	Hs	Hassium	This element was synthesised using the technique of cold fusion. As your mother told you, if you are involved in any activity in the cold, it is of primordial importance to keep your head covered. Julie Andrews also lobbied in favour of "Warm hands, ..., warm feet"	Snow Kissed, Sweetwater, Moda Fabrics
109	Mt	Meitnerium	See element 91 above.	
110	Ds	Darmstadtium	Named after the German city of Darmstad, home of GSI Center for Heavy Ion Research where bohrium, meitnerium, copernicium and other elements were discovered. Formerly the capital of the Grand Duchy of Hesse, whose flag we fly.	Superior cotton / Alison Glass, chroma collection
111	Rg	Roentgenium	Named after Wilhelm Roentgen (1845 - 1923) the discoverer of Roentgen rays, now known as X-rays. The first image taken using this radiation was of the discoverer's wife's hand.	Skeletons, Scaredy Cat, Rachel Hauer, Free Spirit Fabrics
112	Cn Nh Fl	Copernicium Nihonium Flerovium	Super-heavy elements tend to have very short half-lives; for example, 1.17 hours for the most common isotope of Mendeleevium. These three elements are predicted to be near the center of an Island of Stability, where super-heavy elements will have longer half-lives. Our view on island life is to reset our watch, sail over slowly, preferably choose an island with palm trees, and enjoy an adult beverage served with a paper umbrella.	Tossed Planes and Trucks, Clothworks Palms, Charley Harper Happy Hour, Maria Kalinowski
115	Mc	Moscovium	Named after the city of Moscow.	Crossbones, Tim Holtz
116	Lv	Livermorium	Named after the Lawrence Livermore National Laboratory, located in Livermore, CA. The city, in turn, was named after rancher and landowner Robert Livermore.	Far Far Away, 3 Play Horses, Heather Ross

117	Ts	Tennessine	Named after the state of Tennessee. Synthesized at Vanderbilt University. School colours: black and gold.	In The Beginning fabrics
118	Og	Oganesson	Red lights! Stop, a train may be coming. Stop, because this is the last of the elements, no going further!	Japanese fabric.
		Backing	All the elements in their element.	"Space Race" , Sky Studio, Benartex