

Elements and isotopes available in Minecraft: Education Edition						
Atomic Symbol	Element	Group	Protons	Electrons	Neutrons	Atomic weight
H	Hydrogen	Other Non-Metal	1	1	0	1
			1	1	1	
			1	1	2	
He	Helium	Noble Gases	2	2	1	4
			2	2	2	
Li	Lithium	Alkali Metals	3	3	3	7
			3	3	4	
Be	Beryllium	Alkaline Earth Metals	4	4	5	9
B	Boron	Metalloids	5	5	5	11
			5	5	6	
C	Carbon	Other Non-Metal	6	6	5	12
			6	6	6	
			6	6	7	
			6	6	8	
N	Nitrogen	Other Non-Metal	7	7	7	14
			7	7	8	
O	Oxygen	Other Non-Metal	8	8	8	16
			8	8	9	
			8	8	10	
F	Fluorine	Halogens	9	9	9	19
			9	9	10	
Ne	Neon	Noble Gases	10	10	10	20
			10	10	11	
			10	10	12	
Na	Sodium	Alkali Metals	11	11	11	23
			11	11	12	
			11	11	13	
Mg	Magnesium	Alkaline Earth Metals	12	12	12	24
			12	12	13	
			12	12	14	
Al	Aluminum	Post Transition Metals	13	13	14	27
Si	Silicon	Metalloids	14	14	14	28
			14	14	15	
			14	14	16	
P	Phosphorus	Other Non-Metal	15	15	16	31
			15	15	17	
S	Sulfur	Other Non-Metal	16	16	16	32
			16	16	17	
			16	16	18	
			16	16	19	
			16	16	20	

Cl	Chlorine	Halogens	17	17	18	35
			17	17	20	
Ar	Argon	Noble Gases	18	18	18	40
			18	18	20	
			18	18	22	
K	Potassium	Alkali Metals	19	19	20	39
			19	19	21	
			19	19	22	
			19	19	23	
			19	19	24	
Ca	Calcium	Alkaline Earth Metals	20	20	20	40
			20	20	22	
			20	20	23	
			20	20	24	
			20	20	25	
			20	20	26	
			20	20	27	
20	20	28				
Sc	Scandium	Transition Metals	21	21	24	45
Ti	Titanium	Transition Metals	22	22	24	48
			22	22	25	
			22	22	26	
			22	22	27	
V	Vanadium	Transition Metals	23	23	27	51
			23	23	28	
			24	24	26	52
Cr	Chromium	Transition Metals	24	24	27	
			24	24	28	
			24	24	29	
			24	24	30	
			24	24	31	
Mn	Manganese	Transition Metals	25	25	29	55
			25	25	30	
Fe	Iron	Transition Metals	26	26	26	56
			26	26	28	
			26	26	29	
			26	26	30	
			26	26	31	
			26	26	32	
			26	26	33	
Co	Cobalt	Transition Metals	27	27	30	59
			27	27	31	
			27	27	32	
			27	27	33	

Ni	Nickel	Transition Metals	28	28	30	59
			28	28	31	
			28	28	32	
			28	28	33	
			28	28	34	
			28	28	35	
Cu	Copper	Transition Metals	28	28	34	64
			29	29	35	
			29	29	36	
Zn	Zinc	Transition Metals	30	30	34	65
			30	30	35	
			30	30	36	
			30	30	37	
			30	30	38	
			30	30	40	
Ga	Gallium	Post Transition Metals	31	31	36	70
			31	31	37	
			31	31	38	
			31	31	39	
			31	31	40	
Ge	Germanium	Metalloids	32	32	36	73
			32	32	38	
			32	32	40	
			32	32	41	
			32	32	42	
			32	32	44	
As	Arsenic	Metalloids	33	33	42	75
Se	Selenium	Other Non-Metal	34	34	40	79
			34	34	41	
			34	34	42	
			34	34	43	
			34	34	44	
			34	34	45	
			34	34	46	
34	34	48				
Br	Bromine	Halogens	35	35	44	80
			35	35	45	
			35	35	46	
Kr	Krypton	Noble Gases	36	36	42	84
			36	36	44	
			36	36	46	
			36	36	47	
			36	36	48	
36	36	50				

Rb	Rubidium	Alkali Metals	37	37	48	85
			37	37	49	
			37	37	50	
Sr	Strontium	Alkaline Earth Metals	38	38	46	88
			38	38	47	
			38	38	48	
			38	38	49	
			38	38	50	
			38	38	51	
Y	Yttrium	Transition Metals	39	39	50	89
Zr	Zirconium	Transition Metals	40	40	50	91
			40	40	51	
			40	40	52	
			40	40	54	
Nb	Niobium	Transition Metals	40	40	56	
			41	41	52	93
			42	42	50	96
			42	42	52	
Mo	Molybdenum	Transition Metals	42	42	53	
			42	42	54	
			42	42	55	
			42	42	56	
			42	42	57	
			42	42	58	
			42	42	59	
Tc	Technetium	Transition Metals	43	43	54	98
			43	43	55	
			43	43	56	
Ru	Ruthenium	Transition Metals	44	44	52	101
			44	44	54	
			44	44	55	
			44	44	56	
			44	44	57	
			44	44	58	
			44	44	60	
Rh	Rhodium	Transition Metals	44	44	62	
Pd	Palladium	Transition Metals	45	45	58	103
			46	46	56	106
			46	46	58	
			46	46	59	
			46	46	60	
Ag	Silver	Transition Metals	46	46	62	
			46	46	64	
			47	47	60	108
			47	47	62	

Cd	Cadmium	Transition Metals	48	48	58	112
			48	48	60	
			48	48	62	
			48	48	63	
			48	48	64	
			48	48	65	
			48	48	66	
			48	48	68	
In	Indium	Post Transition Metals	49	49	62	115
			49	49	64	
			49	49	66	
Sn	Tin	Post Transition Metals	50	50	62	119
			50	50	63	
			50	50	64	
			50	50	65	
			50	50	66	
			50	50	67	
			50	50	68	
			50	50	69	
			50	50	70	
			50	50	72	
Sb	Antimony	Metalloids	51	51	70	122
			51	51	72	
Te	Tellurium	Metalloids	52	52	68	128
			52	52	70	
			52	52	71	
			52	52	72	
			52	52	73	
			52	52	74	
			52	52	76	
52	52	78				
I	Iodine	Halogens	53	53	70	127
			53	53	72	
			53	53	74	
			53	53	76	
			53	53	78	

Xe	Xenon	Noble Gases	54	54	70	131
			54	54	72	
			54	54	74	
			54	54	75	
			54	54	76	
			54	54	77	
			54	54	78	
			54	54	80	
			54	54	82	
Cs	Cesium	Alkali Metals	55	55	74	133
			55	55	78	
			55	55	79	
			55	55	81	
			55	55	82	
Ba	Barium	Alkaline Earth Metals	56	56	74	137
			56	56	76	
			56	56	77	
			56	56	78	
			56	56	79	
			56	56	80	
			56	56	81	
			56	56	82	
			56	56	84	
La	Lanthanum	Lanthanoids	57	57	81	139
			57	57	82	
Ce	Cerium	Lanthanoids	58	58	78	140
			58	58	80	
			58	58	82	
			58	58	83	
			58	58	84	
			58	58	86	
Pr	Praseodymium	Lanthanoids	59	59	82	141
Nd	Neodymium	Lanthanoids	60	60	82	144
			60	60	83	
			60	60	84	
			60	60	85	
			60	60	86	
			60	60	88	
			60	60	90	
Pm	Promethium	Lanthanoids	61	61	83	145
			61	61	84	

Sm	Samarium	Lanthonoids	62	62	82	150
			62	62	85	
			62	62	86	
			62	62	87	
			62	62	88	
			62	62	90	
Eu	Europium	Lanthonoids	63	63	88	152
			63	63	90	
Gd	Gadolinium	Lanthonoids	64	64	88	157
			64	64	90	
			64	64	91	
			64	64	92	
			64	64	93	
			64	64	94	
Tb	Terbium	Lanthonoids	65	65	94	159
			65	65	96	
Dy	Dysprosium	Lanthonoids	66	66	90	163
			66	66	92	
			66	66	94	
			66	66	95	
			66	66	96	
			66	66	97	
Ho	Holmium	Lanthonoids	67	67	98	165
			67	67	100	
Er	Erbium	Lanthonoids	68	68	94	167
			68	68	96	
			68	68	98	
			68	68	99	
			68	68	100	
			68	68	102	
Tm	Thulium	Lanthonoids	69	69	100	169
			69	69	102	
Yb	Ytterbium	Lanthonoids	70	70	98	173
			70	70	99	
			70	70	100	
			70	70	101	
			70	70	102	
			70	70	103	
			70	70	104	
			70	70	106	
Lu	Lutetium	Lanthonoids	71	71	104	175
			71	71	105	

Hf	Hafnium	Transition Metals	72	72	102	178
			72	72	104	
			72	72	105	
			72	72	106	
			72	72	107	
Ta	Tantalum	Transition Metals	72	72	108	
			73	73	107	181
W	Tungsten	Transition Metals	73	73	108	
			74	74	106	184
			74	74	108	
			74	74	109	
			74	74	110	
Re	Rhenium	Transition Metals	74	74	112	
			75	75	110	186
Os	Osmium	Transition Metals	75	75	112	
			76	76	108	190
			76	76	110	
			76	76	111	
			76	76	112	
			76	76	113	
			76	76	114	
Ir	Iridium	Transition Metals	76	76	116	
			77	77	114	192
Pt	Platinum	Transition Metals	77	77	116	
			78	78	112	195
			78	78	114	
			78	78	116	
			78	78	117	
			78	78	118	
Au	Gold	Transition Metals	78	78	120	
			79	79	118	197
Hg	Mercury	Transition Metals	79	79	119	
			80	80	116	201
			80	80	117	
			80	80	118	
			80	80	119	
			80	80	120	
			80	80	121	
			80	80	122	
			80	80	123	
Tl	Thallium	Post Transition Metals	80	80	124	
			81	81	120	204
			81	81	122	
			81	81	124	

Pb	Lead	Post Transition Metals	82	82	122	207
			82	82	124	
			82	82	125	
			82	82	126	
			82	82	128	
Bi	Bismuth	Post Transition Metals	83	83	124	209
			83	83	126	
Po	Polonium	Metalloids	84	84	125	209
			84	84	126	
At	Astatine	Halogens	85	85	125	210
			85	85	126	
Rn	Radon	Noble Gases	86	86	125	222
			86	86	134	
			86	86	136	
Fr	Francium	Alkali Metals	87	87	136	223
Ra	Radium	Alkaline Earth Metals	88	88	135	226
			88	88	136	
			88	88	138	
			88	88	140	
Ac	Actinium	Actinoids	89	89	138	227
Th	Thorium	Actinoids	90	90	138	232
			90	90	140	
			90	90	142	
Pa	Protactinium	Actinoids	91	91	140	231
U	Uranium	Actinoids	92	92	141	238
			92	92	142	
			92	92	143	
			92	92	144	
			92	92	146	
Np	Neptunium	Actinoids	93	93	144	237
			93	93	146	
Pu	Plutonium	Actinoids	94	94	144	244
			94	94	145	
			94	94	146	
			94	94	147	
			94	94	148	
			94	94	150	
Am	Americium	Actinoids	95	95	146	243
			95	95	148	

Cm	Curium	Actinoids	96	96	147	247
			96	96	148	
			96	96	149	
			96	96	150	
			96	96	151	
Bk	Berkelium	Actinoids	97	97	150	247
			97	97	152	
Cf	Californium	Actinoids	98	98	151	251
			98	98	152	
			98	98	153	
			98	98	154	
Es	Einsteinium	Actinoids	99	99	153	252
Fm	Fermium	Actinoids	100	100	157	257
Md	Mendelevium	Actinoids	101	101	155	258
			101	101	157	
No	Nobelium	Actinoids	102	102	157	259
Lr	Lawrencium	Actinoids	103	103	159	262
Rf	Rutherfordium	Transition Metals	104	104	163	267
Db	Dubnium	Transition Metals	105	105	163	268
Sg	Seaborgium	Transition Metals	106	106	163	269
Bh	Bohrium	Transition Metals	107	107	162	269
Hs	Hassium	Transition Metals	108	108	161	269
Mt	Meitnerium	Transition Metals	109	109	169	278
Ds	Darmstadtium	Transition Metals	110	110	171	281
Rg	Roentgenium	Transition Metals	111	111	171	282
Cn	Copernicium	Transition Metals	112	112	173	285
Nh	Nihonium	Post Transition Metals	113	113	173	286
Fl	Flerovium	Post Transition Metals	114	114	175	289
Mc	Moscovium	Post Transition Metals	115	115	175	290
Lv	Livermorium	Post Transition Metals	116	116	177	293
Ts	Tennesine	Metalloids	117	117	177	294
Og	Oganesson	Noble Gases	118	118	176	294