

Conical Spiral Periodic Table of the Elements

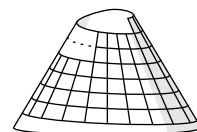
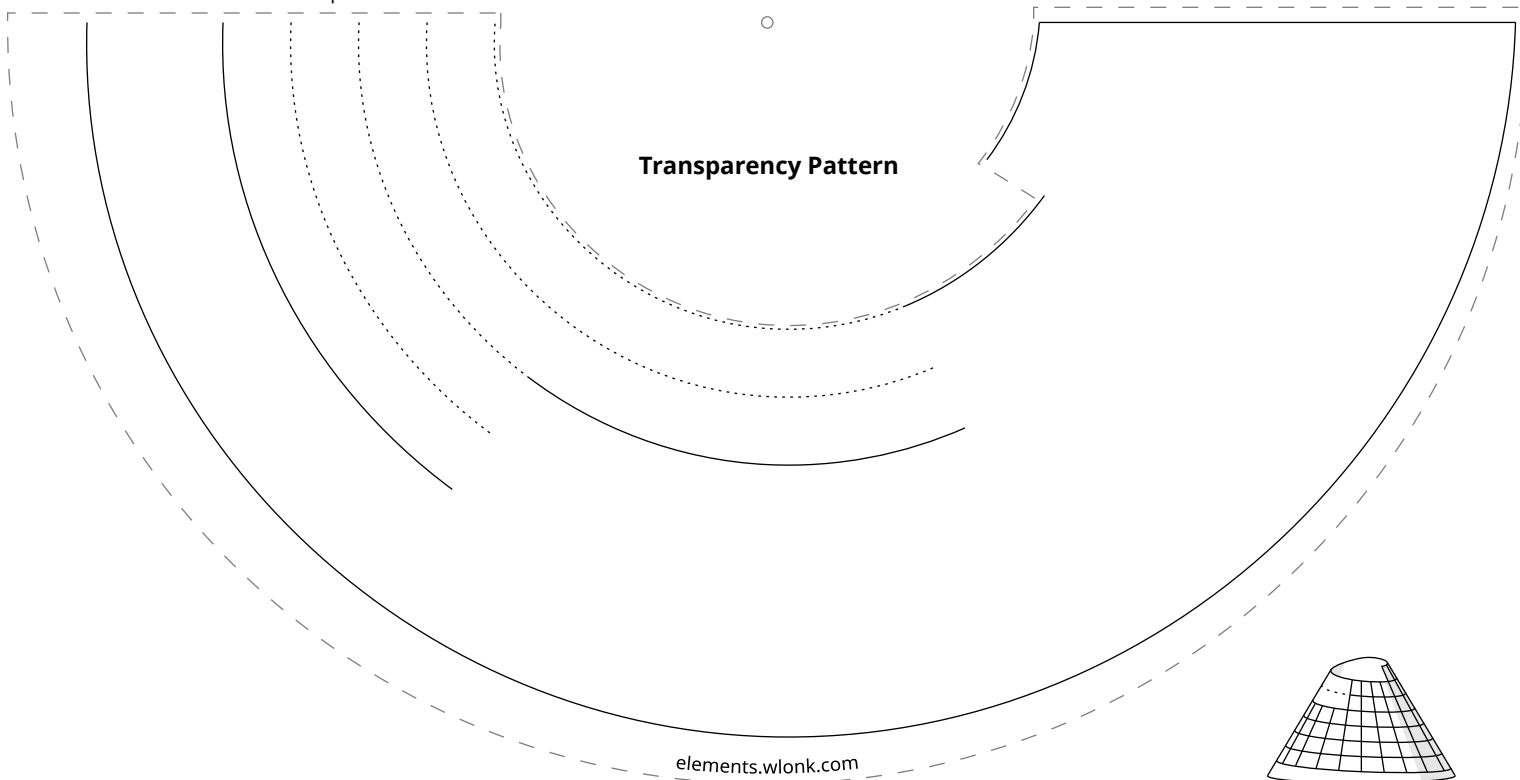
This **paper-and-plastic model** is partly opaque and and partly transparent.



Paper Pattern

89	57	La	4	Be	120
90	58	Ce	3	Li	119
91	59	Pr	2	He	118
92	60	Nd	1	H	117
93	61	Pm	10	Ne	116
94	62	Sm	9	F	115
95	63	Eu	8	O	114
96	64	Gd	7	N	113
97	65	Tb	6	C	112
98	66	Dy	5	B	111
99	67	Ho	4	Al	110
100	68	Er	3	Si	109
101	69	Tm	2	P	108
102	70	Yb	1	S	107
103	71	Lu	18	Cl	106
104	72	Hf	17	Ar	105
105	73	Ta	16	K	104
106	74	W	15	Ca	103
107	75	Re	14	Sc	102
108	76	Os	13	Ti	101
109	77	Ir	12	V	100
110	78	Pt	11	Cr	99
111	79	Au	10	Mn	98
112	80	Hg	9	Fe	97
113	81	Tl	8	Co	96
114	82	Pb	7	Ni	95
115	83	Bi	6	Cu	94
116	84	Po	5	Zn	93
117	85	At	4	Ga	92
118	86	Rn	3	Ge	91
119	87	Fr	2	As	90
120	88	Ra	1	Se	89
	89	Ac	18	Br	88
	90	Th	17	Kr	87
	91	Pa	16	Rb	86
	92	U	15	Sr	85
	93	Np	14	Y	84
	94	Pu	13	Zr	83
	95	Am	12	Nb	82
	96	Cm	11	Mo	81
	97	Bk	10	Tc	80
	98	Cf	9	Ru	79
	99	Es	8	Rh	78
	100	Fm	7	Pd	77
	101	Md	6	Ag	76
	102	No	5	Cd	75
	103	Lr	4	In	74
	104	Rf	3	Sn	73
	105	Db	2	Sb	72
	106	Sg	1	Te	71
	107	Bh	18	I	70
	108	Hs	17	Xe	69
	109	Mt	16	Cs	68
	110	Ds	15	Ba	67
	111	Rg	14	La	66
	112	Cn	13	Ce	65
	113	Nh	12	Pr	64
	114	Fl	11	Nd	63
	115	Mc	10	Pm	62
	116	Lv	9	Sm	61
	117	Ts	8	Eu	60
	118	Og	7	Gd	59
	119		6	Tb	58
	120		5	Dy	57

The four dotted lines show how the spiral is connected.



Instructions

1. Print the **paper pattern** on paper.
2. Print or trace the **transparency pattern** on a clear plastic sheet, at the same scale.
3. Cut out the paper table along the outer solid lines.
4. Cut out the clear sheet along the outer dashed line.
5. Place the paper table behind the clear sheet, align the solid lines, and attach the right edge of the paper (elements 4 to 120) to the clear sheet using clear tape.
6. Roll the paper into a cone, align element 56 with element 57, and tape the edges together.
7. Gradually wrap the clear sheet snugly around the paper cone, starting at the right edge and moving to the left, adding small pieces of tape as you go (say, at elements 113 and 103).
8. Finish the cone by taping along the entire seam on both front and back.