

PERIODIC TABLE

of the

ELEMENTS

SAMPLE

SAMPLE

SAMPLE

ACTIVITY PACK

H 1
HYDROGEN
1.008

Li 3
LITHIUM
6.941

Be 4
BERYLLIUM
9.012

Na 11
SODIUM
22.990

Mg 12
MAGNESIUM
24.305

K 19
POTASSIUM
39.098

Ca 20
CALCIUM
40.078

Sc 21
SCANDIUM
44.956

Ti 22
TITANIUM
47.88

V 23
VANADIUM
50.942

Cr 24
CHROMIUM
51.996

Mn 25
MANGANESE
54.938

Fe 26
IRON
55.845

Co 27
COBALT
58.933

Ni 28
NICKEL
58.693

Rb 37
RUBIDIUM
84.468

Sr 38
STRONTIUM
87.62

Y 39
YTTRIUM
88.906

Zr 40
ZIRCONIUM
91.224

Nb 41
NIOBIUM
92.906

Mo 42
MOLYBDENUM
95.94

Tc 43
TECHNETIUM
98.907

Ru 44
RUTHENIUM
101.07

Rh 45
RHODIUM
102.906

Pd 46
PALLADIUM
106.42

Cs 55
CESIUM
132.905

Ba 56
BARIUM
137.327

57-71

Hf 72
HAFNIUM
178.49

Ta 73
TANTALUM
180.948

W 74
TUNGSTEN
183.85

Re 75
RHENIUM
186.207

Os 76
OSMIUM
190.23

Ir 77
IRIDIUM
192.22

Pt 78
PLATINUM
195.08

Fr 87
FRANCIUM
223.020

Ra 88
RADIUM
226.025

89-103

Rf 104
RUTHERFORDIUM
[261]

Db 105
DUBNIUM
[262]

Sg 106
SEABORGIUM
[266]

Bh 107
BOHRIUM
[264]

Hs 108
HASSIUM
[269]

Mt 109
MEITNERIUM
[268]

Ds 110
DARMSTADIUM
[269]

THE CRAFTY CLASSROOM

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SAMPLE

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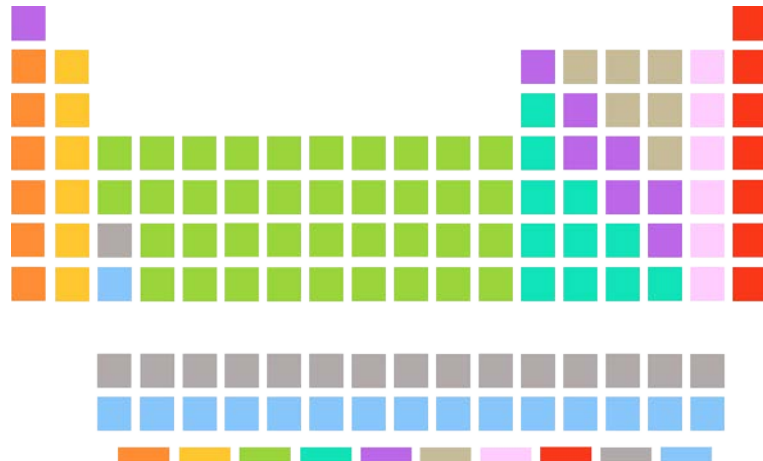
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If you have any questions, please contact

Valerie@thecraftyclassroom.com





This Activity Pack Includes the Following Resources:

Reproducible Charts:

- Full Color Periodic Table Chart (8.5 x 11)
- B&W Periodic Table Chart (8.5 x 11)
- A3 Size Color Periodic Table Chart (11 x 17)
- A3 Size BW Periodic Table Chart (11 x 17)

Printable Cards and Games:

- Element Letter Tiles
- Element Fact Cards
- Element Boggle Game board
- 8 different Element Bingo Cards
- 8 Element Bingo Cards with Symbols Only

Worksheets:

- Fill in the Blank Symbols Worksheet
- Fill in the Name / Atomic Mass/Number Worksheet
- Blank Periodic Table in Color
- Blank Periodic Table in B&W
- Symbol Stumper Worksheet



PERIODIC TABLE of the ELEMENTS

1 HYDROGEN 1.008																	2 HELIUM 4.003		
3 LITHIUM 6.941	4 BERYLLIUM 9.012													5 BORON 10.811	6 CARBON 12.011	7 NITROGEN 14.007	8 OXYGEN 15.999	9 FLUORINE 18.998	10 NEON 20.180
11 SODIUM 22.990	12 MAGNESIUM 24.305													13 ALUMINUM 26.982	14 SILICON 28.086	15 PHOSPHORUS 30.974	16 SULFUR 32.066	17 CHLORINE 35.453	18 ARGON 39.948
19 POTASSIUM 39.098	20 CALCIUM 40.078	21 SCANDIUM 44.956	22 TITANIUM 47.88	23 VANADIUM 50.942	24 CHROMIUM 51.996	25 MANGANESE 54.938	26 IRON 55.845	27 COBALT 58.933	28 NICKEL 58.693	29 COPPER 63.546	30 ZINC 65.39	31 GALLIUM 69.723	32 GERMANIUM 72.64	33 ARSENIC 74.922	34 SELENIUM 78.96	35 BROMINE 79.904	36 KRYPTON 83.80		
37 RUBIDIUM 84.468	38 STRONTIUM 87.62	39 YTTRIUM 88.906	40 ZIRCONIUM 91.224	41 NIOBIUM 92.906	42 MOLYBDENUM 95.94	43 TECHNETIUM 98.906	44 RUTHENIUM 101.07	45 RHODIUM 102.905	46 PALLADIUM 106.42	47 SILVER 107.868	48 Cadmium 112.411	49 Indium 114.818	50 Tin 118.710	51 Antimony 121.757	52 Tellurium 127.6	53 Iodine 126.905	54 Xenon 131.29		
55 CESIUM 132.905	56 BARIUM 137.327	57-71	72 HAFNIUM 178.49	73 TANTALUM 180.948	74 TUNGSTEN 183.85	75 RHENIUM 186.207	76 OSMIUM 190.23	77 IRIDIUM 192.22	78 PLATINUM 195.08	79 GOLD 196.967	80 MERCURY 200.59	81 THALLIUM 204.383	82 LEAD 207.2	83 BISMUTH 208.980	84 POLONIUM [209]	85 ASTATINE [210]	86 RADON [222]		
87 FRANCIUM 223.020	88 RADIUM 226.025	89-103	104 RUTHERFORDIUM [261]	105 DUBNIUM [262]	106 BOHRIUM [264]	107 HASSIUM [269]	108 MEITNERIUM [268]	109 DARMSTADIUM [269]	110 ROENTGENIUM [272]	111 COPERNICIUM [277]	112 UNUNBIUM [277]	113 FLEROVIUM [289]	114 UNUNPENTIUM [289]	115 LIVERMORIUM [293]	116 UNUNSEPTIUM [293]	117 UNUNOCTIUM [294]	118 UNUNOCTIUM [294]		

Write in
the symbol
for each
element

→

ATOMIC
NUMBER

SYMBOL

NAME

ATOMIC MASS

SAMPLE

SAMPLE

CAMPUS

57 LANTHANUM 138.906	58 CERIUM 140.115	59 PRASEODYMIUM 140.908	60 NEODYMIUM 144.24	61 PROMETHIUM 144.913	62 SAMARIUM 150.36	63 EUROPIUM 151.966	64 GADOLINIUM 157.25	65 TERBIUM 158.925	66 DYSPROSIUM 162.50	67 HOLMIUM 164.930	68 ERBIUM 167.26	69 THULIUM 168.934	70 YTTERBIUM 173.04	71 LUTETIUM 174.967
89 ACTINIUM 227.028	90 THORIUM 232.038	91 PROTACTINIUM 231.036	92 URANIUM 238.029	93 NEPTUNIUM 237.048	94 PLUTONIUM 244.064	95 AMERICIUM 243.061	96 CURIUM 247.070	97 BERKELIUM 247.070	98 CALIFORNIUM 251.080	99 EINSTEINIUM [254]	100 FERMIUM 257.095	101 MENDELEVIUM 258.1	102 NOBELIUM 259.101	103 LAWRENCIUM [262]

ALKALI METAL ALKALINE METAL TRANSITION METAL BASIC METAL SEMIMETAL NONMETAL HALOGEN NOBEL GAS LANTHANIDE ACTINIDE

H ¹ HYDROGEN 1.008	He ² HELIUM 4.003	Li ³ LITHIUM 6.941	Be ⁴ BERYLLIUM 9.012	B ⁵ BORON 10.811	C ⁶ CARBON 12.011	N ⁷ NITROGEN 14.007	O ⁸ OXYGEN 15.999	F ⁹ FLUORINE 18.998	Ne ¹⁰ NEON 20.180
Na ¹¹ SODIUM 22.990	Mg ¹² MAGNESIUM 24.305	Al ¹³ ALUMINUM 26.982	Si ¹⁴ SILICON 28.086	P ¹⁵ PHOSPHORUS 30.974	S ¹⁶ SULFUR 32.066	Cl ¹⁷ CHLORINE 35.453	Ar ¹⁸ ARGON 39.948	K ¹⁹ POTASSIUM 39.098	Ca ²⁰ CALCIUM 40.078
Sc ²¹ SCANDIUM 44.956	Ti ²² TITANIUM 47.88	V ²³ VANADIUM 50.942	Cr ²⁴ CHROMIUM 51.996	Mn ²⁵ MANGANESE 54.938	Fe ²⁶ IRON 55.845	Co ²⁷ COBALT 58.933	Ni ²⁸ NICKEL 58.693	Cu ²⁹ COPPER 63.546	Zn ³⁰ ZINC 65.39
Ga ³¹ GALLIUM 69.723	Ge ³² GERMANIUM 72.61	As ³³ ARSENIC 74.922	Se ³⁴ SELENIUM 78.96	Br ³⁵ BROMINE 79.904	Kr ³⁶ KRYPTON 83.80	Rb ³⁷ RUBIDIUM 85.468	Sr ³⁸ STRONTIUM 87.62	Y ³⁹ YTTRIUM 88.906	Zr ⁴⁰ ZIRCONIUM 91.224
Nb ⁴¹ NIOBIUM 92.906	Mo ⁴² MOLYBDENUM 95.94	Tc ⁴³ TECHNETIUM 98.906	Ru ⁴⁴ RUTHENIUM 101.07	Rh ⁴⁵ RHODIUM 102.905	Pd ⁴⁶ PALLADIUM 106.42	Ag ⁴⁷ SILVER 107.868	Cd ⁴⁸ CADMIUM 112.411	In ⁴⁹ INDIUM 114.818	Sn ⁵⁰ TIN 118.71
Sb ⁵¹ ANTIMONY 121.760	Te ⁵² TELLURIUM 127.6	I ⁵³ IODINE 126.904	Xe ⁵⁴ XENON 131.29	Cs ⁵⁵ CESIUM 132.905	Ba ⁵⁶ BARIUM 137.327	La ⁵⁷ LANTHANUM 138.906	Ce ⁵⁸ CERIUM 140.115	Pr ⁵⁹ PRASEODYMIUM 140.908	Nd ⁶⁰ NEODYMIUM 144.24
Pm ⁶¹ PROMETHIUM 144.913	Sm ⁶² SAMARIUM 150.36	Eu ⁶³ EUROPIUM 151.966	Gd ⁶⁴ GADOLINIUM 157.25	Tb ⁶⁵ TERBIUM 158.925	Dy ⁶⁶ DYSPROSIUM 162.50	Ho ⁶⁷ HOLMIUM 164.930	Er ⁶⁸ ERBIUM 167.26	Tm ⁶⁹ THULIUM 168.934	Yb ⁷⁰ YTTERBIUM 173.04

Using your periodic table, write in the correct symbols to reveal the words.

symbol STUMPER

We live in the United States of _____.
americum erbium iodine calcium

Pay _____ or you will miss something!
astatine tellurium nitrogen titanium oxygen nitrogen

Use your _____ don't _____ with a _____!
boron radium iodine nitrogen francium oxygen lithium carbon potassium nickel iron

_____ is the first book in the Bible.
germanium neon silicon sulfur

_____ is good if you _____ it a _____. :)
sulfur phosphorus americium francium yttrium boron uranium nitrogen carbon hydrogen

If your _____ has a _____ do not let him _____ with
calcium nickel neon titanium carbon potassium phosphorus lanthanum yttrium

your _____ or your _____!
iron lithium neon radium carbon cobalt oxygen nitrogen

The _____ ran _____ the _____.
molybdenum uranium selenium uranium phosphorus chlorine oxygen carbon potassium

_____ out! Do not _____ with _____, it can
tungsten astatine carbon hydrogen phosphorus lanthanum yttrium fluorine iodine rhenium

_____ you in a _____!
boron uranium radon flerovium arsenic hydrogen

Make Your Own!

ELEMENT



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Si ¹⁴ SILICON 28.086	Li ³ LITHIUM 6.941	Mg ¹² MAGNESIUM 24.305	N ⁷ NITROGEN 14.007	F ⁹ FLUORINE 18.998
C ⁶ CARBON 12.011	Cl ¹⁷ CHLORINE 35.453	Ne ¹⁰ NEON 20.180	Al ¹³ ALUMINUM 26.982	Ti ²² TITANIUM 47.88
K ¹⁹ POTASSIUM 39.098	S ¹⁶ SULFUR 32.066	Be ⁴ BERYLLIUM 9.012	O ⁸ OXYGEN 15.999	
Ar ¹⁸ ARGON 39.948	H ¹ HYDROGEN 1.008	Na ¹¹ SODIUM 22.990	He ² HELIUM 4.003	Ba ⁵⁶ BARIUM 137.327
Ca ²⁰ CALCIUM 40.078	P ¹⁵ PHOSPHORUS 30.974	I ⁵³ IODINE 126.904	Fe ²⁶ IRON 95.55.933	B ⁵ BORON 10.811

ELEMENT



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Na ¹¹ SODIUM 22.990	He ² HELIUM 4.003	S ¹⁶ SULFUR 32.066	Cl ¹⁷ CHLORINE 35.453	Ba ⁵⁶ BARIUM 137.327
N ⁷ NITROGEN 14.007	Mg ¹² MAGNESIUM 24.305	Al ¹³ ALUMINUM 26.982	B ⁵ BORON 10.811	Ar ¹⁸ ARGON 39.948
H ¹ HYDROGEN 1.008	O ⁸ OXYGEN 15.999		Ne ¹⁰ NEON 20.180	Ca ²⁰ CALCIUM 40.078
Be ⁴ BERYLLIUM 9.012	Ti ²² TITANIUM 47.88	Li ³ LITHIUM 6.941	P ¹⁵ PHOSPHORUS 30.974	Fe ²⁶ IRON 95.55.933
F ⁹ FLUORINE 18.998	C ⁶ CARBON 12.011	Si ¹⁴ SILICON 28.086	K ¹⁹ POTASSIUM 39.098	I ⁵³ IODINE 126.904