

# 1, 2, 3 Science Clipart Periodic Set

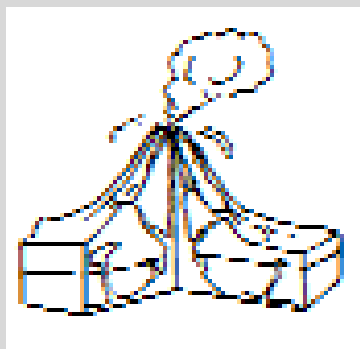
**Welcome** to 1, 2, 3 Science Clipart, the Periodic Set! This collection includes:

- **Periodic Elements** - A collection of images showing the first 92 elements on the Periodic Table, with and without the atomic number, mass and name.

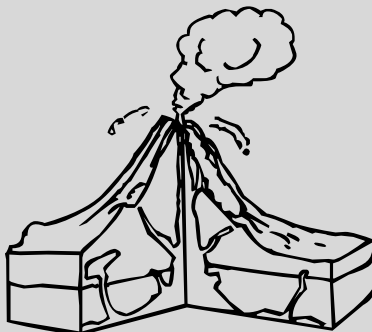
## About the images...

All of the images in this set are presented in both **.PNG** and **.EMF** (Enhanced Meta File) format. **PNG** files can be edited in basic paint programs, but may become “fuzzy” when enlarged. **EMF** files are more clear when enlarged, but cannot be edited in most paint programs. Both formats maintain transparency, meaning they do not have a white box around them as would be found in **JPEG** images. In the examples below, the **.jpeg** is not as clear when enlarged, and also maintains a white “fill” inside and around the image. The **.emf** and **.png** images have a transparent “fill”, making them appropriate to use on any background color.

jpeg



emf



png



**PNG** files can be previewed in a folder, but **EMF** files can be difficult to preview. Every effort has been made to make filenames as descriptive and logical as possible, and image guides have been provided on the following pages.

# Periodic Clipart 1

<p>1 <b>H</b> 1.008 Hydrogen</p>	<p><b>H</b></p>	<p>2 <b>He</b> 4.0026 Helium</p>	<p><b>He</b></p>	<p>3 <b>Li</b> 6.941 Lithium</p>	<p><b>Li</b></p>	<p>4 <b>Be</b> 9.012 Beryllium</p>	<p><b>Be</b></p>
01 Hydrogen a	01 Hydrogen b	02 Helium a	02 Helium b	03 Lithium a	03 Lithium b	04 Beryllium a	04 Beryllium b
<p>5 <b>B</b> 10.81 Boron</p>	<p><b>B</b></p>	<p>6 <b>C</b> 12.011 Carbon</p>	<p><b>C</b></p>	<p>7 <b>N</b> 14.007 Nitrogen</p>	<p><b>N</b></p>	<p>8 <b>O</b> 15.999 Oxygen</p>	<p><b>O</b></p>
05 Boron a	05 Boron b	06 Carbon a	06 Carbon b	07 Nitrogen a	07 Nitrogen b	08 Oxygen a	08 Oxygen b
<p>9 <b>F</b> 18.998 Flourine</p>	<p><b>F</b></p>	<p>10 <b>Ne</b> 20.179 Neon</p>	<p><b>Ne</b></p>	<p>11 <b>Na</b> 22.990 Sodium</p>	<p><b>Na</b></p>	<p>12 <b>Mg</b> 24.305 Magnesium</p>	<p><b>Mg</b></p>
09 Flourine a	09 Flourine b	10 Neon a	10 Neon b	11 Sodium a	11 Sodium b	12 Magnesium a	12 Magnesium b
<p>13 <b>Al</b> 26.982 Aluminum</p>	<p><b>Al</b></p>	<p>14 <b>Si</b> 28.086 Silicon</p>	<p><b>Si</b></p>	<p>15 <b>P</b> 30.974 Phosphorus</p>	<p><b>P</b></p>	<p>16 <b>S</b> 32.066 Sulfur</p>	<p><b>S</b></p>
13 Aluminum a	13 Aluminum b	14 Silicon a	14 Silicon b	15 Phosphorus a	15 Phosphorus b	16 Sulfur a	16 Sulfur b
<p>17 <b>Cl</b> 35.453 Chlorine</p>	<p><b>Cl</b></p>	<p>18 <b>Ar</b> 39.948 Argon</p>	<p><b>Ar</b></p>	<p>19 <b>K</b> 39.098 Potassium</p>	<p><b>K</b></p>	<p>20 <b>Ca</b> 40.08 Calcium</p>	<p><b>Ca</b></p>
17 Chlorine a	17 Chlorine b	18 Argon a	18 Argon b	19 Potassium a	19 Potassium b	20 Calcium a	20 Calcium b
<p>21 <b>Sc</b> 44.956 Scandium</p>	<p><b>Sc</b></p>	<p>22 <b>Ti</b> 47.88 Titanium</p>	<p><b>Ti</b></p>	<p>23 <b>V</b> 50.942 Vanadium</p>	<p><b>V</b></p>	<p>24 <b>Cr</b> 51.996 Chromium</p>	<p><b>Cr</b></p>
21 Scandium a	21 Scandium b	22 Titanium a	22 Titanium b	23 Vanadium a	23 Vanadium b	24 Chromium a	24 Chromium b
<p>25 <b>Mn</b> 54.938 Manganese</p>	<p><b>Mn</b></p>	<p>26 <b>Fe</b> 55.847 Iron</p>	<p><b>Fe</b></p>	<p>27 <b>Co</b> 58.933 Cobalt</p>	<p><b>Co</b></p>	<p>28 <b>Ni</b> 58.69 Nickel</p>	<p><b>Ni</b></p>
25 Manganese a	25 Manganese b	26 Iron a	26 Iron b	27 Cobalt a	27 Cobalt b	28 Nickel a	28 Nickel b
<p>29 <b>Cu</b> 63.546 Copper</p>	<p><b>Cu</b></p>	<p>30 <b>Zn</b> 65.39 Zinc</p>	<p><b>Zn</b></p>	<p>31 <b>Ga</b> 69.72 Gallium</p>	<p><b>Ga</b></p>	<p>32 <b>Ge</b> 72.61 Germanium</p>	<p><b>Ge</b></p>
29 Copper a	29 Copper b	30 Zinc a	30 Zinc b	31 Gallium a	31 Gallium b	32 Germanium a	32 Germanium b

# Periodic Clipart 2

<p>33 <b>As</b> 74.922 Arsenic</p>	<p><b>As</b></p>	<p>34 <b>Se</b> 78.96 Selenium</p>	<p><b>Se</b></p>	<p>35 <b>Br</b> 79.904 Bromine</p>	<p><b>Br</b></p>	<p>36 <b>Kr</b> 83.80 Krypton</p>	<p><b>Kr</b></p>
33 Arsenic a	33 Arsenic b	34 Selenium a	34 Selenium b	35 Bromine a	35 Bromine b	36 Krypton a	36 Krypton b
<p>37 <b>Rb</b> 85.468 Rubidium</p>	<p><b>Rb</b></p>	<p>38 <b>Sr</b> 87.62 Strontium</p>	<p><b>Sr</b></p>	<p>39 <b>Y</b> 88.906 Yttrium</p>	<p><b>Y</b></p>	<p>40 <b>Zr</b> 91.224 Zirconium</p>	<p><b>Zr</b></p>
37 Rubidium a	37 Rubidium b	38 Strontium a	38 Strontium b	39 Yttrium a	39 Yttrium b	40 Zirconium a	40 Zirconium b
<p>41 <b>Nb</b> 92.906 Niobium</p>	<p><b>Nb</b></p>	<p>42 <b>Mo</b> 95.94 Molybdenum</p>	<p><b>Mo</b></p>	<p>43 <b>Tc</b> (98) Technetium</p>	<p><b>Tc</b></p>	<p>44 <b>Ru</b> 101.07 Ruthenium</p>	<p><b>Ru</b></p>
41 Niobium a	41 Niobium b	42 Molybdenum a	42 Molybdenum b	43 Technetium a	43 Technetium b	44 Ruthenium a	44 Ruthenium b
<p>45 <b>Rh</b> 102.906 Rhodium</p>	<p><b>Rh</b></p>	<p>46 <b>Pd</b> 106.42 Palladium</p>	<p><b>Pd</b></p>	<p>47 <b>Ag</b> 107.868 Silver</p>	<p><b>Ag</b></p>	<p>48 <b>Cd</b> 112.41 Cadmium</p>	<p><b>Cd</b></p>
45 Rhodium a	45 Rhodium b	46 Palladium a	46 Palladium b	47 Silver a	47 Silver b	48 Cadmium a	48 Cadmium b
<p>49 <b>In</b> 114.82 Indium</p>	<p><b>In</b></p>	<p>50 <b>Sn</b> 118.71 Tin</p>	<p><b>Sn</b></p>	<p>51 <b>Sb</b> 121.763 Antimony</p>	<p><b>Sb</b></p>	<p>52 <b>Te</b> 127.60 Tellurium</p>	<p><b>Te</b></p>
49 Indium a	49 Indium b	50 Tin a	50 Tin b	51 Antimony a	51 Antimony b	52 Tellurium a	52 Tellurium b
<p>53 <b>I</b> 126.904 Iodine</p>	<p><b>I</b></p>	<p>54 <b>Xe</b> 131.29 Xenon</p>	<p><b>Xe</b></p>	<p>55 <b>Cs</b> 132.905 Cesium</p>	<p><b>Cs</b></p>	<p>56 <b>Ba</b> 137.33 Barium</p>	<p><b>Ba</b></p>
53 Iodine a	53 Iodine b	54 Xenon a	54 Xenon b	55 Cesium a	55 Cesium b	56 Barium a	56 Barium b
<p>57 <b>La</b> 138.906 Lanthanum</p>	<p><b>La</b></p>	<p>58 <b>Ce</b> 140.12 Cerium</p>	<p><b>Ce</b></p>	<p>59 <b>Pr</b> 140.908 Praseodymium</p>	<p><b>Pr</b></p>	<p>60 <b>Nd</b> 144.24 Neodymium</p>	<p><b>Nd</b></p>
57 Lanthanum a	57 Lanthanum b	58 Cerium a	58 Cerium b	59 Praseodymium a	59 Praseodymium b	60 Neodymium a	60 Neodymium b
<p>61 <b>Pm</b> (145) Promethium</p>	<p><b>Pm</b></p>	<p>62 <b>Sm</b> 150.36 Samarium</p>	<p><b>Sm</b></p>	<p>63 <b>Eu</b> 151.97 Europium</p>	<p><b>Eu</b></p>	<p>64 <b>Gd</b> 157.25 Gadolinium</p>	<p><b>Gd</b></p>
61 Promethium a	61 Promethium b	62 Samarium a	62 Samarium b	63 Europium a	63 Europium b	64 Gadolinium a	64 Gadolinium b

# Periodic Clipart 3

<p>65 <b>Tb</b> 158.925 Terbium</p>	<p><b>Tb</b></p>	<p>66 <b>Dy</b> 162.50 Dysprosium</p>	<p><b>Dy</b></p>	<p>67 <b>Ho</b> 164.930 Holmium</p>	<p><b>Ho</b></p>	<p>68 <b>Er</b> 167.26 Erbium</p>	<p><b>Er</b></p>
65 Terbium a	65 Terbium b	66 Dysprosium a	66 Dysprosium b	67 Holmium a	67 Holmium b	68 Erbium a	68 Erbium b
<p>69 <b>Tm</b> 168.934 Thulium</p>	<p><b>Tm</b></p>	<p>70 <b>Yb</b> 173.04 Ytterbium</p>	<p><b>Yb</b></p>	<p>71 <b>Lu</b> 174.967 Lutetium</p>	<p><b>Lu</b></p>	<p>72 <b>Hf</b> 178.49 Hafnium</p>	<p><b>Hf</b></p>
69 Thulium a	69 Thulium b	70 Ytterbium a	70 Ytterbium b	71 Lutetium a	71 Lutetium b	72 Hafnium a	72 Hafnium b
<p>73 <b>Ta</b> 180.948 Tantalum</p>	<p><b>Ta</b></p>	<p>74 <b>W</b> 183.84 Tungsten</p>	<p><b>W</b></p>	<p>75 <b>Re</b> 186.207 Rhenium</p>	<p><b>Re</b></p>	<p>76 <b>Os</b> 190.23 Osmium</p>	<p><b>Os</b></p>
73 Tantalum a	73 Tantalum b	74 Tungsten a	74 Tungsten b	75 Rhenium a	75 Rhenium b	76 Osmium a	76 Osmium b
<p>77 <b>Ir</b> 192.22 Iridium</p>	<p><b>Ir</b></p>	<p>78 <b>Pt</b> 195.08 Platinum</p>	<p><b>Pt</b></p>	<p>79 <b>Au</b> 196.967 Gold</p>	<p><b>Au</b></p>	<p>80 <b>Hg</b> 200.59 Mercury</p>	<p><b>Hg</b></p>
77 Iridium a	77 Iridium b	78 Platinum a	78 Platinum b	79 Gold a	79 Gold b	80 Mercury a	80 Mercury b
<p>81 <b>Tl</b> 204.383 Thallium</p>	<p><b>Tl</b></p>	<p>82 <b>Pb</b> 207.2 Lead</p>	<p><b>Pb</b></p>	<p>83 <b>Bi</b> 208.980 Bismuth</p>	<p><b>Bi</b></p>	<p>84 <b>Po</b> (209) Polonium</p>	<p><b>Po</b></p>
81 Thallium a	81 Thallium b	82 Lead a	82 Lead b	83 Bismuth a	83 Bismuth b	84 Polonium a	84 Polonium b
<p>85 <b>At</b> (210) Astatine</p>	<p><b>At</b></p>	<p>86 <b>Rn</b> (222) Radon</p>	<p><b>Rn</b></p>	<p>87 <b>Fr</b> (223) Francium</p>	<p><b>Fr</b></p>	<p>88 <b>Ra</b> 226.025 Radium</p>	<p><b>Ra</b></p>
85 Astatine a	85 Astatine b	86 Radon a	86 Radon b	87 Francium a	87 Francium b	88 Radium a	88 Radium b
<p>89 <b>Ac</b> 227.028 Actinium</p>	<p><b>Ac</b></p>	<p>90 <b>Th</b> 232.038 Thorium</p>	<p><b>Th</b></p>	<p>91 <b>Pa</b> 231.036 Protactinium</p>	<p><b>Pa</b></p>	<p>92 <b>U</b> 238.029 Uranium</p>	<p><b>U</b></p>
89 Actinium a	89 Actinium b	90 Thorium a	90 Thorium b	91 Protactinium a	91 Protactinium b	92 Uranium a	92 Uranium b