

15 P Phosphorus 30.973762	68 Er Erbium 167.259	53 I Iodine 126.90447	8 O Oxygen 15.9994	105 Db Dubnium [268]	53 I Iodine 126.90447	6 C Carbon 12.0107
	73 Ta Tantalum 180.94788	5 B Boron 10.811	116 Lv Livermorium [293]	63 Eu Europium 151.964		



EBOOK



**ELECTRONIC
AUDIOBOOK**



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OR PLAYAWAY**



**PHYSICAL
BOOK**



**AVAILABLE IN
ALL FORMATS**

Brief Description:

The arrangement of the elements from left to right, top to bottom, according to atomic number, electron configuration, and recurring chemical properties.

Books at MPL:

Periodic Table:

- TEEN 546.8 Gray - *The Basics of the Periodic Table*
- TEEN 540 Kean - *The Disappearing Spoon: and Other True Tales of Rivalry, Adventure, and the History of the World from the Periodic Table of the Elements*
- TEEN 546.8 Still - *The Secret Life of the Periodic Table: Unlocking the Mysteries of All 118 Elements*

Elements:

- TEEN 546 Challoner - *Exploring the Mysteries of the Elements*
- TEEN 546 Gray - *The Elements: a Visual Exploration of Every Known Atom in the Universe*
- TEEN 546.8 Thomas - *Exploring the Elements: a Complete Guide to the Periodic Table*

General Chemistry (with chapters on the periodic table):

- TEEN 540 Williams - *Chemistry Demystified*
 - Part One: Elements, symbols, and the Periodic Table
- TEEN 540 Chen - *Barron's Painless Chemistry*
 - The Periodic Table of the Elements
-  *Chemistry: Understanding Substance and Matter* -- Kuhtz, Russell (ed.)
 - Chapter 3: Elements and the Periodic Table
-  TEEN 541 Mooney - *Chemistry: Investigate the Matter that Makes Up Your World*
 - Chapter 1: Atoms, Elements, and the Periodic Table
- TEEN 540 Kean - *The Disappearing Spoon: and Other True Tales of Rivalry, Adventure, and the History of the World from the Periodic Table of the Elements*
- TEEN 540 Cobb - *The Basics of Chemistry*
 - Periodic Table of Elements
- TEEN 540 Cobb - *Everything You Need to Ace Chemistry in One Big Fat Notebook: The Complete High School Study Guide*
 - Elements and the Periodic Table

DVDs and Evideo

Kanopy - *Chemistry Periodic Table of Elements*

Kanopy - *Chemistry, 2nd Edition: Elements, Atoms, and the Periodic Table*

Periodic Table of Elements

The periodic table is color-coded by groups: Alkali Metal (red), Alkaline Earth Metal (orange), Transition Metal (yellow), Post-Transition Metal (light green), Metalloid (green), Polyatomic Nonmetal (teal), Diatomic Nonmetal (blue), Noble Gas (purple), Lanthanide (brown), Actinide (grey), and Unknown Properties (dark grey).

Legend:

- Alkali Metal
- Alkaline Earth Metal
- Transition Metal
- Post-Transition Metal
- Metalloid
- Polyatomic Nonmetal
- Diatomic Nonmetal
- Noble Gas
- Lanthanide
- Actinide
- Unknown Properties

Key Element Data:

Element	Atomic Number	Atomic Weight	Symbol	Name
Hydrogen	1	1.008	H	Hydrogen
Helium	2	4.003	He	Helium
Lithium	3	6.941	Li	Lithium
Beryllium	4	9.012	Be	Beryllium
Sodium	11	22.990	Na	Sodium
Magnesium	12	24.305	Mg	Magnesium

Online Resources:

These links are accessible through our website at medfordlibrary.org

Science in Context:

Search the Science in Context [site](#) for "periodic table" and you will find these and other links:

- [Periodic Table](#) (Gale Encyclopedia of Science)
- [Periodic Table](#) (UXL Encyclopedia of Science)
- [Chemistry: The Periodic Table](#) (Scientific Thought: In Context)
- [Periodic Table: Predicting the Structures and Properties of the Elements](#) (World of Earth Science)

Web Elements:

- A clickable periodic table with detailed pages for each element, as well as images of other styles of periodic tables

Dynamic Table:

- Interactive periodic table with dynamic layouts showing names, electrons, oxidation, trend visualization, orbitals, isotopes, and compound search.

Chemicool:

- Contains an interactive periodic table, history and background of the periodic table, and other relevant chemistry information,

Periodic Videos:

- YouTube channel for all things chemistry. A video about each element on the periodic table. New videos are uploaded every week about science news, interesting molecules and other stuff from the world of chemistry.