

Periodic Table of the Elements

This table gives information about the chemical elements. Elements are grouped into eight classes according to their properties. Each class is shown in a different color. Hydrogen does not belong to any one class.

- | | | | |
|--------------------------|-----------------------|--------------------------|-----------------|
| ☐ | Alkali metals | ☐ | Actinide series |
| ☐ | Alkaline earth metals | ☐ | Other metals |
| ☐ | Transition metals | ☐ | Nonmetals |
| ☐ | Lanthanide series | ☐ | Noble gases |

Atomic number
Chemical symbol
Element name
Atomic weight
() indicates atomic weight of the most stable isotope

Number of electrons in each shell

Carbon
12.011

1	2																	18
1	2																	weight of the most stable isotope
1	2																	12.011
1	2																	Actinide series
1	2																	Other metals
1	2																	Nonmetals
1	2																	Noble gases
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals
1	2																	Lanthanide series
1	2																	Alkali metals
1	2																	Alkaline earth metals
1	2																	Transition metals

Teacher: Have students color the color key and the element boxes to match the chart.