

GRADE 8
7a

Periodic Table

The organization of the Periodic Table is based on the properties of the elements and reflects the structure of atoms. As a basis for understanding this concept:

Students know how to identify regions corresponding to metals, nonmetals, and inert gases.



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Students know each element has a specific number of protons in the nucleus (the atomic number) and each isotope of the element has a different but specific number of neutrons in the nucleus.



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The organization of the Periodic Table is based on the properties of the elements and reflects the structure of atoms. As a basis for understanding this concept:

Students know substances can be classified by their properties, including their melting temperature, density, hardness, and thermal and electrical conductivity.