



Chemistry of Living Things

Principles of chemistry underlie the functioning of biological systems. As a basis for understanding this concept, students know:

Students know carbon, because of its ability to combine in many ways with itself and other elements, has a central role in the chemistry of living organisms.



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Principles of chemistry underlie the functioning of biological systems. As a basis for understanding this concept, students know:

Students know living organisms are made of molecules largely consisting of carbon, hydrogen, nitrogen, oxygen, phosphorus and sulfur.



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Principles of chemistry underlie the functioning of biological systems. As a basis for understanding this concept, students know:

Students know living organisms have many different kinds of molecules, including small ones, such as water and salt, and very large ones, such as carbohydrates, fats, proteins, and DNA.