6th Grade Science
2023 - 2024 Course Syllabus Term 1

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Objectives: These are the College and Career Readiness Standards students are expected to master.

L.6.1 Students will demonstrate an understanding that living things range from simple to complex organisms, are organized hierarchically, and function as whole living systems.

L.6.1.1 Use argument supported by evidence to distinguish between living and non-living things, including viruses and bacteria.

L.6.1.2 Obtain and communicate evidence to support the cell theory.

L.6.1.3 Develop and use models to explain how specific cellular components (cellular organelles) function together to support the life of prokaryotic and eukaryotic organisms to include plants, animals, fungi, protists, and bacteria (not to include biochemical function of cells or cell part).

6.1.4 Compare and contrast different cells to classify them as a protist, fungus, plant, or animal.

L.6.1.5 Provide evidence that organisms are unicellular or multicellular.

L.6.1.6 Develop and use models to show relationships among the increasing complexity of multicellular organisms (cells, tissues, organs, organ systems, organisms) and how they serve the needs of the organism.

L.6.3 Students will demonstrate an understanding of the relationships among survival, environmental changes, and diversity as they relate to the interactions of organisms, populations, and the environment.

L.6.3.1 Use scientific reasoning to explain differences between biotic and abiotic factors that demonstrate what living organisms need to survive.

L.6.3.2 Develop and use models to describe the levels of organization within ecosystems (species, populations, communities, ecosystems, and biomes)

Tests and Grades

Grading: A=90-100 B=80-89 C=70-79 D=65-69 F=below 65 I=incomplete
Grading follows the policies of Biloxi Public Schools.
A mid-term progress report and a report card following the end of each term are issued.

Tests: Tests are given upon completion of a unit. If absent, make-up work should be completed within 10 days of returning to school.

Unit 1 Assessment Cell Theory the week of August 14th, 2023

Unit 2 Assessment Cellular Differentiation the week of September 4th, 2023

Unit 3 Assessment Characteristics of Ecosystems the week of September 18th, 2023

Common Term Assessment (CTA) Given the week of September 25th th, 2023. The CTA will be comprehensive in nature, covering all objectives for the 1st nine weeks.

Dates of the tests are subject to change

Reteach and Retest: All teachers will participate in re-teaching and re-testing for BUE students. All students who fail a Science test will be retaught and retested. Students will be allowed to **retest** on **one** major department test, not activities, or the CTA (Common Term Assessment.) per subject area per 9 week period.

Course Requirements: Students are expected to complete all bell ringers and class work/homework assignments. Students are expected to prepare for tests and complete them within **one** class period.

Grading Scheme:

CTA (Common Term Assessment) = 5% Tests = 60% Activity = 35%

Important Dates:	Midterm Progress Reports:	August 25, 2023
	Common Term Assessment (CTA) Window:	September 25 - 29, 2023
	End of Term 1:	September 29, 2023
	Report Cards:	October 13, 2023