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- (a) The provisions of §§112.42-112.45 of this subchapter shall be implemented by school districts.
- (b) No later than July 31, 2022, the commissioner of education shall determine whether instructional materials funding has been made available to Texas public schools for materials that cover the essential knowledge and skills for science as adopted in §§112.42-112.45 of this subchapter.
- (c) If the commissioner makes the determination that instructional materials funding has been made available under subsection (b) of this section, §§112.42-112.45 of this subchapter shall be implemented beginning with the 2023-2024 school year and apply to the 2023-2024 and subsequent school years.

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of §§112.42-112.45 of this subchapter.

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- (a) General requirements. Students shall be awarded one credit for successful completion of this course. This course is recommended for students in Grades 9-11.
- (b) Introduction.
- (1) Biology. Students in Biology focus on patterns, processes, and relationships of living organisms through four main concepts: biological structures, functions, and processes; mechanisms of genetics; biological evolution; and interdependence within environmental systems. By the end of Grade 12, students are expected to gain sufficient knowledge of the scientific and engineering practices (A) hypotheses are tentative and testable statements that must be capable of being supported

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or not supported by observational evidence. Hypotheses of durable explanatory power that have been tested over a wide variety of conditions are incorporated into theories; and

- (B) scientific theories are based on natural and physical phenomena and are capable of being tested by multiple independent researchers. Unlike hypotheses, scientific theories are well established and highly reliable explanations, but they may be subject to change as new areas of science and new technologies are developed.



































