

Science Courses

Science, Grade 7

Course: 0371

TEDS: 03060700

Science, Grade 7 is a course that is interdisciplinary in nature that focuses on life science with an integration of chemistry, physics, and earth science. The concepts include scientific investigations and reasoning; matter and energy in a living system; force, motion, and energy observed in a living system; and environmental interactions.

Science Honors, Grade 7

Course: 0372

TEDS: 03060700

Science Honors, Grade 7 covers the Science, Grade 7 curriculum while further developing skills, in-depth discussions, and more comprehensive lab work. Topics such as osmosis, cellular transportation, DNA structure, and additional environmental interactions are covered. This course will prepare students for a deeper understanding of biological systems. **Concurrent enrollment in Mathematics Honors, Grade 7 is recommended.**

Basic Science, Grade 7

Course: 9371

TEDS: 03060700

Prerequisite: ARD decision

Basic Science is a course with modified TEKS curriculum to address the individual learning needs derived from the student's IEPs (Individual Education Plan).

Fundamentals of Science, Grade 7

Course: T0371

TEDS: 03060700

Prerequisite: ARD decision

Science 7: Science related to home, school, and community will be investigated through the use of activity-based studies. Science courses study science-based concepts that are related specifically to independent daily living and employment. Attention is given to the relation of science to home and job practices that foster the understanding of students' roles and responsibilities in the care and operation of both facilities.

Science, Grade 8

Course: 0381

TEDS: 03060800

Science, Grade 8 is interdisciplinary in nature and has a focus on earth and physical science with the integration of chemistry, physics, and life science. Students in 8th grade science study a variety of topics that include: scientific investigations and reasoning; matter and energy; force, motion, and energy; natural events, cycles; and environmental interactions.

Science Courses

Science Honors, Grade 8

Course: 0382

TEDS: 03060800

Science Honors, Grade 8 covers the Science, Grade 8 curriculum while encouraging advanced skills, in depth discussions and more comprehensive lab work. There is a focus on learning to use and develop critical thinking skills, and problem-solving methods. The course is designed to encourage students to think and act like a scientist. **Concurrent enrollment in Algebra I Honors is recommended.**

Biology Honors

Course: 3803

TEDS: 03010200

High School Credit: 1

Biology Honors is a comprehensive study of biology, ecology, evolution, biochemical pathways, organic and biochemistry, cell biology, genetics, molecular biology, taxonomy, homeostasis and human body systems (immune, lymphatic, digestive, and circulatory system). Students will be expected to show commitment to Honors curriculum and be motivated to utilize higher level thinking skills. The course will include and a more in-depth study of biological concepts. Honors students should expect to continue in the AP program with a goal of taking the AP test.

***Note - Students must be concurrently enrolled in Algebra I or have already completed Algebra I.**

Basic Science, Grade 8

Course: 9381

TEDS: 03060800

Prerequisite: ARD decision

Basic Science is a course with modified TEKS curriculum to address the individual learning needs derived from the student's IEPs (Individual Education Plan).

Fundamentals of Science, Grade 8

Course: T0381

TEDS: 03060800

Prerequisite: ARD decision

Science related to home and independent living will be investigated through the use of activity-based studies. Science courses study science-based concepts that are related specifically to independent daily living and employment. Attention is given to relation of science to home and job practices that foster the understanding of student's roles and responsibilities in the care and operation of both facilities.