



8th Grade Science Syllabus (Semester 1)

Course Details

Course Code: 22510000 (Yearlong); 2251S100 (Semester 1), 2251S200 (Semester 2)

Subject: Science

Required Prerequisites: Successful completion of 7th grade Science.

Suggested Prerequisites: None

Recommended Grade Levels: 8th

Duration: Yearlong

Course Availability: A listing of when this course is offered in the current school year can be found on the [VirtualSC Current Course Offerings page \(opens in a new window\)](#).

Class Times: This course has scheduled instructional meetings. Information on scheduled meetings for each course is communicated by the teacher. Recordings of these meetings will be available for students unable to attend. Students should expect to spend 7-9 hours a week working on this course independently, in addition to any live meetings, and are expected to meet the deadlines posted in the course pacing guide.

Textbook: All course materials are included in the course and no outside textbook is required.

Required Course Materials: Outside Websites: A list of links to websites and online textbooks used in this course can be found here: [VirtualSC Course Links Document Folder \(opens in a new window\)](#). Students will need to be able to access all these links to view all course materials.

Course Description

Earth is a dynamic planet with interconnecting systems, filled with beautiful landscapes, diversity of life, ever changing atmosphere, and opportunities for reproduction of organisms. Is Earth the last frontier? Are we alone in the vast universe? In this course,

you will explore the dynamics of Earth and determine if life could exist beyond our solar system. Upon completion of this course, you will have developed the foundational content knowledge in Earth, Physical, and Life Sciences.

The curriculum used in this course is guided by the [SC Career and Career-Ready Standards for 8th Grade](#) (opens in a new window).

. Scope and Sequence

- ☞ Start Here
- ☞ Unit 01: On The Move
- ☞ Unit 02: Attraction is a Thing
- ☞ Unit 03: Balance Yourself
- ☞ Unit 04: Keeping Stuff Together
- ☞ Unit 05: Earth-Moon-Sun Relationships
- ☞ Unit 06: Waves and Energy
- ☞ Unit 07: Waves in Motion

Course Grades

The final grade in this course results from the following:

- Coursework: 100%

VirtualSC Details

Information on VirtualSC student guidelines, policies and technology requirements can be found in the [VirtualSC Student Support Portal \(opens in a new window\)](#).