

NFC ACADEMY



GENERAL SCIENCE III (PHYSICAL SCIENCE) COURSE OVERVIEW

General Science III is a basic intermediate course intended to expose students to the designs and patterns in God's physical universe. This course expands on General Science I and II courses. Some of the areas covered in General Science III include the structure of matter, atomic nuclei and radioactivity, geology, oceanography, astronomy, microbiology, medicine, and science today and in the future.

Students at this level should show development in their ability and understanding of scientific inquiry. Some of the units contain experiments and projects that seek to develop meaning for the student and to engage the student actively. The continued exposure of science concepts and scientific inquiry will serve to improve the student's skill and understanding.

OBJECTIVES

UPON COMPLETION OF THE COURSE, STUDENTS SHOULD BE ABLE TO DO THE FOLLOWING:

- Use their main senses for observation of the world around them.
- Describe the atomic structure of different elements.
- Calculate and measure volume, mass, and density for different objects.
- Identify different types of geological changes.

- Discuss how the layers of the earth's crust can show history.
- Describe the different parts of the ocean, both living and non-living.
- Explain the differences in the stars and constellations.
- Distinguish between bacterial infections, viral infections, and other types of infections.
- Develop a plan to prevent and treat common diseases through proper health.
- Demonstrate an understanding of the resources of the earth and what is needed to conserve those resources.

ADDITIONAL RESOURCES

Some assignments in this course require the use of resources that must be supplied by the user. All labs in General Science III are done with one of our virtual lab partners, Smart Science Labs.

In addition to the default course program, General Science III includes extra tests for use in enhancing instruction or addressing individual needs. Each unit contains one alternate test.

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GRADING INFORMATION

GRADING COMPONENTS

Lessons	35%
Quizzes	25%
Projects	10% <i>(includes science labs)</i>
Tests	30%

GRADING SCALE

100-90	A
89-80	B
79-70	C

69-60 D
Below 60 F