

Wyoming Department of Education Required Virtual Education Course Syllabus

Natrona County School District # 1

Program Name	Natrona Virtual Learning	Content Area	SC
Course ID	NCV03049.1	Grade Level	9, 10, 11, 12
Course Name	Earth Science Sem 1	# of Credits	0.5
SCED Code	03049G0.5012	Curriculum Type	Odysseyware

COURSE DESCRIPTION

Earth Science is a basic science course intended to further explore the designs and patterns of our planet. This course covers such areas as the origin, history, and structure of the earth. It also covers forces that cause change on the earth and features of the earth including the crust, water, atmosphere, weather, and climate. Earth science wraps up with astronomy and a study of all the planets, the solar system, and galaxies. The course strives to teach that each feature of the earth interacts with the others in many critical ways, and the study of these relationships is important to humanity.

WYOMING CONTENT AND PERFORMANCE STANDARDS

STANDARD#	BENCHMARK (Standard/Indicator) Use the Standards and Benchmarks as Spreadsheets
ESS1	Earth's Place in the Universe
ESS2	Earth's Systems
ESS3	Earth and Human Activity

SCOPE AND SEQUENCE

UNIT OUTLINE	STANDARD#	OUTCOMES OBJECTIVES/STUDENT CENTERED GOALS
UNIT 1: ORIGIN OF THE EARTH	ESS1	Students will explore the theories of the origin of the universe and the Earth
UNIT 2: HISTORY OF THE EARTH	ESS2	Students will explore methods for determining the age of the Earth and its geologic history.
UNIT 3: DYNAMIC STRUCTURE OF EARTH	ESS2	Students will explore the changes and cycles constantly affecting the Earth.
UNIT 4: FORCES AND FEATURES OF EARTH	ESS3	Students will learn about the forces at work on the Earth, such as earthquakes and volcanoes and how to use maps.
UNIT 5: FEATURES OF EARTH'S CRUST	ESS2	Students will learn about rocks, minerals and other resources.