

# Wyoming Department of Education Required Virtual Education Course Syllabus

## Natrona County School District # 1

Program Name	Natrona Virtual Learning	Content Area	SC
Course ID	NCV03049.2	Grade Level	9, 10, 11, 12
Course Name	Earth Science Sem 2	# of Credits	0.5
SCED Code	03049G0.5022	Curriculum Type	Odysseyware

### COURSE DESCRIPTION

*Sem 2 Earth Science continues 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#	<a href="#">BENCHMARK (Standard/Indicator) Use the Standards and Benchmarks as Spreadsheets</a>
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: SHAPING EARTH'S CRUST	ESS2	Shaping Earth's Crust: Students will explore the forces that shape the Earth's crust, such as weathering and erosion, and other constructive and destructive forces.
UNIT 2: EARTH'S WATER	ESS2	Students will explore the water cycle and the different bodies of water on the Earth
UNIT 3: EARTH'S ATMOSPHERE	ESS3	Students will explore the make-up of the Earth's atmosphere and the impact of humans on the atmosphere.
UNIT 4: EARTH'S WEATHER AND CLIMATE	ESS2	Students will explore weather and climate and how to measure and predict weather.
UNIT 5: ASTRONOMY	ESS1	Students will explore the solar system and other celestial bodies in the universe.