Standard ID	Standard Text	Edgenuity Lesson Name
NGSS.MS-ESS.	EARTH AND SPACE SCIENCE (NGSS)	
MS-ESS1.	Earth's Place in the Universe	
	Students who demonstrate understanding can:	
MS-ESS1-1.	Develop and use a model of the Earth-sun-moon system to describe the cyclic patterns of lunar phases, eclipses of the sun and moon, and seasons.	
		Gravity and Motion
		Earth in Space
		The Sun
		Phases, Eclipses, and Tides
MS-ESS1-2.	Develop and use a model to describe the role of gravity in the motions within galaxies and the solar system.	
		Galaxies and the Universe
		The Solar System
		The Inner Planets
		The Outer Planets
		Gravity and Motion
		Stars
		Evolution of Stars
MS-ESS1-3.	Analyze and interpret data to determine scale properties of objects in the solar system.	
		The Inner Planets
		The Outer Planets
		Other Objects in the Solar System
MS-ESS1-4.	Construct a scientific explanation based on evidence from rock strata for how the geologic time scale is used to organize Earth's 4.6-billion-year-old history.	
		Life and Geologic Time
		Fossils
		Relative Ages of Rocks
		Absolute Ages of Rocks
		Early Earth History
		Middle and Recent Earth History
MS-ESS2.	Earth's Systems	
	Students who demonstrate understanding can:	
MS-ESS2-1.	Develop a model to demonstrate the cycling of Earth's materials and the flow of energy that drives this process.	
		Cycles of Matter

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MS-ESS2-2.	Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales.	
		Earth's Interior
		Convection and Mantle
		Restless Continents
		Theory of Plate Tectonics
		Deforming the Earth's Crust
		Forces in Earth's Crust
		Landforms
		Earthquakes and Seismic Waves
		Monitoring Earthquakes
		Volcanoes and Plate Tectonics
		Volcanic Eruptions
		Volcanic Landforms
		Weathering
		Lab: Rates of Weathering
		Changing the Earth's Surface
		Water Erosion
		Glaciers
		Waves
		Wind
		Soil Erosion
MS-ESS2-3.	Analyze and interpret data on the distribution of fossils and rocks, continental shapes, and seafloor structures to provide evidence of the past plate motions.	
		Fossils
		Relative Ages of Rocks
		Restless Continents
		Theory of Plate Tectonics
		The Seafloor
MS-ESS2-4.	Develop a model to describe the cycling of water through Earth's systems driven by energy from the sun and the force of gravity.	
		Water on Earth
		Earth's Oceans
		Energy Transfer in the Atmosphere

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MS-ESS2-5.	Collect data to provide evidence for how the motions and complex interactions of air masses results in changes in weather conditions.	
		Earth's Atmosphere Energy Transfer in the Atmosphere Air Movement Water in the Air Air Masses and Fronts Severe Weather
MS-ESS2-6.	Develop and use a model to describe how unequal heating and rotation of the Earth cause patterns of atmospheric and oceanic circulation that determine regional climates.	
		Air Movement What Causes Climate? Climate Regions Currents and Climate
MS-ESS3.	Earth and Human Activity Students who demonstrate understanding can:	
MS-ESS3-1.	Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes.	
	(Cont'd.)	Early Earth History Middle and Recent Earth History The Rock Cycle Igneous Rocks Metamorphic Rocks Sedimentary Rocks Properties of Minerals How Minerals Form Uses of Minerals Soil Formation Soil and Agriculture Water on Earth Surface Water

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MS-ESS3-1.	Construct a scientific explanation based on evidence for how the uneven distributions of Earth's mineral, energy, and groundwater resources are the result of past and current geoscience processes.	
	(Cont'd.)	Water Underground
		Using Freshwater Resources
		What Are Natural Resources?
		Nuclear Power
MS-ESS3-2.	Analyze and interpret data on natural hazards to forecast future catastrophic events and inform the development of technologies to mitigate their effects.	
		Monitoring Earthquakes
		Earthquake Safety
		Forecasting the Weather
		Severe Weather
		Natural Events and the Environment
MS-ESS3-3.	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.	
		Human Impact on the Environment
MS-ESS3-4.	Construct an argument supported by evidence for how increases in human population and per-capita consumption of natural resources impact Earth's systems.	
		What Are Natural Resources?
		Nuclear Power
		Renewable Resources
		Resource Conservation
		The Social Costs of Resource Use
		Limiting Factors and Humans
		Humans and the Energy Cycle
MS-ESS3-5.	Ask questions to clarify evidence of the factors that have caused the rise in global temperatures over the past century.	
		Natural Environmental Change
		Global Change
		A History of Global Climate Change