EARTH SPACE SCIENCE COURSE OUTLINE 2025 🌎✨

INSTRUCTOR: RAY GONZALES

TEXTBOOK: HOLT EARTH SCIENCE

Week	Topic	Reading	Homework	Project
1	The Scientific Method Theories and Models Branches of Earth Science	Chapter 1	Sections 1 – 4 Reviews	
2	Mapping The Earth Latitude and Longitude Topographical Maps	Chapter 2	Sections 1 – 3 Reviews	Create a 3D Landscape
3	Minerals in the Earth's Crust Properties of Minerals Identifying Minerals Mineral Formation	Chapter 3	Sections 1 – 3 Reviews	Grow Crystals 🔮
4	Rocks Classification of □ Rocks The Rock Cycle	Chapter 4	Sections 1 – 4 Reviews	Smash 💥 Geodes
	Test 1			
5	Natural Resources Renewable Resources Fossil Fuels Alternative Energy Resources	Chapter 5	Sections 1 – 3 Reviews	Build a Wind Turbine 🦾
6	The Rock and Fossil Records Dating Rocks and Fossils Geologic Time	Chapter 6	Sections 1 – 5 Reviews	Radioactive ☢️ Decay Lab
7	Plate Tectonics Faults Riffs Subduction Zones	Chapter 7	Sections 1 – 4 Reviews	Movie 🎥 Time 🔥
8	Earthquakes Causes of Earthquakes Detecting Earthquakes	Chapter 8	Sections 1 – 3 Reviews	
	Test 2			
9	Volcanoes	Chapter 9	Sections 1 – 3 Reviews	

	Causes and Effects of Volcanoes			
10	Weathering and Soil Formation Rates of Weathering Soil to Bedrock Soil Conservation	Chapter 10	Sections 1 – 4 Reviews	
11	The Flow of Water Streams and Rivers Water Underground Water Conservation	Chapter 11	Sections 1 – 4 Reviews	Build a River Simulator
12	Erosion and Deposition Shorelines Wind, Rain, and Ice	Chapter 12	Sections 1 – 4 Reviews	
	Test 3			
13	Oceans The Ocean Floor Ocean Life Resources and Pollution	Chapter 13	Sections 1 – 5 Reviews	
14	The Movement of Ocean Water Currents, Waves, and Tides	Chapter 14	Sections 1 – 4 Reviews	
15	The Atmosphere Atmospheric Heating Winds Air Pollution	Chapter 15	Sections 1 – 4 Reviews	
16	Weather Severe Weather Predicting Weather	Chapter 16	Sections 1 – 4 Reviews	Build a Tornado Simulator
17	Climate Zones Climate Change	Chapter 17	Sections 1 – 4 Reviews	
18	**Final Exam**			