

OLEAN HIGH SCHOOL

Course Name Physical Setting/Earth Science

Text _____ Glencoe: Earth Science

Other Resources _____ Review Book: Unknown _____

Grades 9-12

Month	Topic Content	Skills	Concepts	Major Assessments	Learning Standards	Resource/Text Page
Sept.	-Nature of Science -Mapping our world	Observation Analysis Mapping Calculation	Sci Method Sci Measurement Long & Lat Topographic Maps	Unit Test Lab Reports Quiz Verbal Checks	1.2g, 2.1l, 1.1c, 1.1d, and 2.2b	4 – 47
Oct.	-Matter & Atoms -Minerals -Sed Rocks -Igneous Rocks -Met Rocks	Identification Classification Observation	Elements, Bonds, Matter, Minerals & Properties, Rocks & Properties	Unit Test Lab Reports Quiz Verbal Checks	3.1a, 3.1b, 3.1c, 1.2j, 1.2i, and 2.1a	52 – 145
Nov.	-Weathering -Erosion -Soil	Graphing Observation Analysis	Glaciers, Wind, Water, Mass Movement, & Shorelines	Unit Test Lab Reports Quiz Verbal Checks	2.1a, 2.1r, 2.1s, 2.1t, 3.1a, 3.1c, 2.1v, 2.1u, 1.2g, 2.1w, 1.2c, 1.2d, 1.2e, 1.2f, 2.2b, 2.2c, 1.1a, 1.1d, 1.1e	152 – 237 384 – 411
Dec.	-Groundwater -Atmosphere -Meteorology	Observation Analysis Instrumentation Measurement	Movement of Groundwater, Structure and Properties of the Atmosphere	Unit Test Lab Reports Quiz Verbal Checks	1.2g, 2.1f, 2.1h, 2.2a, 2.2b, 2.2c, 2.1e, 2.1f, 2.1a, 2.1b, 2.1c, 2.1i, 2.1g, 2.1d	238 – 327
Jan.	-Meteorology -Nature of Storms -Climate	Observation Analysis Graphing	Moisture, Energy, Weather Systems, Gathering Data	Unit Test Lab Reports Quiz Verbal Checks	2.1a, 2.1b, 2.1c, 2.1g, 2.1i, 2.2a, 2.2b, 2.2c, 2.1e, 2.1f, 2.1d, 2.2d, 1.2j	317 – 327 328 – 383
Feb.	-Plate Tectonics -Volcanoes -Earthquakes -Mountain Building	Observation Analysis Map Skills	Drifting Plates, Seafloor Spreading, Theory of Plate Tectonics, Evidence, And Cause	Unit Test Lab Reports Quiz Verbal Checks	1.2j, 2.1l, 2.1n, 2.1o, 2.1m, 2.1n, 3.1a, 2.1j, 2.1k, 2.2b, 3.1b, 2.1p, 1.1i, 2.1t, 2.1r	442 – 545
Mar.	-Fossils -Rock Record	Observation Analysis	Time Scale, Dating of Rocks, Fossil	Unit Test Lab Reports	1.2d, 1.2e, 1.2f, 1.2h, 1.2i, 1.2j, 2.1a, 2.1b,	552 – 647

	-Geologic Time	Chart Skills Graphing	Record, Evolution, Formation of Earth	Quiz Verbal Check	2.1k, 2.1l, 2.1m, 2.1n, 2.1o, 2.1p, 1.2g, 2.2c, 2.1t, 2.1v, 2.1w, 3.1a, 2.1u	
Apr.	-Sun-Earth-Moon -Solar System	Observation Analysis Modeling	Tools to Study Space, Sun-Earth- Moon System	Unit Test Lab Reports Quiz Verbal Checks	1.1f, 1.1a, 1.1c, 1.1d, 1.1e, 1.1g, 1.1h, 1.1i,	747 – 803
May	-Stars -Galaxies -Universe	Observation Analysis Graphing Chart skills	Terrestrial Planets, Gas Giants, Formation of Solar System, Sun, Stars, Evolution of Stars	Unit Test Lab Reports Quiz Verbal Checks	1.1f, 1.2b, 1.2c, 2.2a, 1.1a, 1.2a	804 – 857
June	Review for Regents	Test taking strategies	Every topic that has been covered	Regents Test	All Standards	Entire Review Book