

2012-2013 Curriculum Map 8th grade Advanced Earth Science - G-West

Timeframe of study	Assessment
August	<ul style="list-style-type: none"> ▪ Safety Quiz ▪ Limitless Liquid Lab (demo) ▪ Scientific Method Vocabulary & Quiz ▪ Scientific Method Worksheet ▪ Bunsen Burner Brainpower lab ▪ Graphing Practice ▪ Metric review worksheet ▪ Density Lab ▪ Density Clay Quiz
Beginning of September- mid-October	<ul style="list-style-type: none"> ▪ Notes-rock types ▪ Rock ID lab ▪ Rock Floor tiles lab ▪ Geologic timeline (clock) lab ▪ Geologic time ppt with fossil samples ▪ Radioactive decay lab* ▪ Relative/Absolute dating* ▪ Erosion landforms-making a topo. map ▪ Plate tectonics map ▪ Seafloor-spreading lab ▪ Earth layers worksheet ▪ Earthquake distance from epicenter lab ▪ Graphing P & S waves ▪ Volcano packet ▪ Volcano ppt ▪ Mineral ID lab ▪ Mineral Formation lab ▪ Unit Test: density, rocks, geologic time, minerals
mid-October- mid-December	<ul style="list-style-type: none"> ▪ <u>Chemistry*</u>: (this whole unit *) ▪ Elements, Mixtures and Compounds Lab ▪ Identifying atoms in solution ▪ Notes Periodic Table-General Properties ▪ Periodic Table Quiz ▪ Relating Electrons & Probability Lab ▪ Atomic Structure Worksheet ▪ Basic Balancing Chemical Equations Worksheet