

2012-2013 Curriculum Map 8<sup>th</sup> grade Advanced Earth Science - G-West

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