Unit 13 Notes Earth's History
Date Earth Science
<ul> <li>Sequence of events</li> <li>a. As we look at the Earth, we find clues to its origin, how it's changed and to</li></ul>
a. <u>Initormitarianism</u> a. <u>Initormitarianism</u> - a principle that assumed that forces that acted upon the Earth's crust in the past are the same as those that are active today.  i. "The present is the <u>key</u> to the past."  ii. Mountains wear down the same way today as they have done in the past.
Law Superposition
<ul> <li>a. The rock layers on the bottom of an undisturbed rock exposure are usually the</li></ul>
younger rock.  Fossils
<ul> <li>Fossils <ul> <li>a. Fossils <ul> <li>- are naturally preserved remains or impressions of once living things.</li> </ul> </li> <li>b. The pattern of evolution on Earth is at least partially preserved in the rock record.</li> <li>c. Fossils are generally found in sedimentary rock.</li> <li>d. Fossil evidence indicates that <ul> <li>i. A wide variety of life forms have existed in the past.</li> <li>ii. Many of the life forms have become extinct (species died out.)</li> <li>iii. That human existence has been very short compared to geologic time.</li> </ul> </li> <li>e. Geologists have divided the Earth's history into time units based upon the fossil record.</li> </ul></li></ul>