Strand Map: Flow of Matter in Ecosystems

6-8 (4D) There are groups of elements that have similar properties, including highly reactive metals, less-reactive metals, highly reactive nonmetals (such as chlorine, fluorine, and oxygen), and some almost completely nonreactive gases (such as helium and neon). An especially important kind of reaction between substances involves combination of oxygen with something elseas in burning or rusting. Some elements don't fit into any of the categories; among them are carbon and hydrogen. essential elements of living matter.

6-8 (4D) All matter is made up of atoms, which are far too small to see directly through a microscope. The atoms of any element are alike but are different from atoms of other elements. Atoms may stick together in well defined molecules or may be packed together in large arrays. Different arrangements of atoms into groups compose all substances.

3-5 (**5E**) Over the whole earth, organisms are growing, dying, and decaying, and new organisms are being produced by the old ones.

