

Arkansas State Standards: <http://arkansased.org/teachers/frameworks.html>

Biology	Earth/Environmental Science	Geography
<p>Strand: Ecology and Behavioral Relationships Standard 8: Students shall demonstrate an understanding of ecological and behavioral relationships among organisms EBR.8.B.7- Compare and contrast <i>primary succession</i> with <i>secondary succession</i> Standard 9: Students shall demonstrate an understanding of the ecological impact of global issues EBR.9.B.1- Analyze the effects of human <i>population</i> growth and <i>technology</i> on the environment/<i>biosphere</i> EBR.9.B.2 - Evaluate long range plans concerning resource use and by-product disposal in terms of their environmental, economic, and political impact EBR.9.B.3 - Assess current world issues applying scientific themes (e.g., global changes in climate, <i>epidemics, pandemics</i>, ozone depletion, UV radiation, natural resources, use of <i>technology</i>, and public policy)</p>	<p>Strand: Physical Dynamics Standard 1: Students shall understand the physical dynamics of Earth PD.1.ES.9 - Construct and interpret information on topographic maps Strand: Biological Dynamics Standard 2: Students shall understand the biological dynamics of Earth BD.2.ES.1 - Compare and contrast biomes BD.2.ES.3 - Differentiate between primary and secondary succession Strand: Social Perspectives Standard 3: Students shall understand the impact of human activities on the environment SP.3.ES.8 - Compare and contrast man-made environments and natural environments</p>	<p>Strand: Spatial Geography Standard 1: Students shall analyze information about people places and the environment using maps, globes, atlases, and available technology SG.1.WG.4 - Interpret a variety of maps and images (e.g., <i>topographical map</i>, physical, climate, political, highway, <i>thematic map</i>) SG.1.WG.9 - Create maps, graphs, or charts to illustrate information about people, places, and the environment using data collected from primary and secondary sources</p> <p>Strand: Places and Regions Standard 2: Students shall investigate the physical characteristics of places and regions PR.2.WG.3 - Analyze physical changes in regions and the factors that lead to those changes (e.g., Aral Sea, Three Gorges Dam, Dust Bowl)</p> <p>Strand: Environment and Society Standard 7: Students shall analyze human interaction with the physical environment ES.7.WG.3 - Evaluate human activities, which have a negative effect on the environment (e.g., <i>pollution, deforestation, global warming, desertification</i>, depletion of certain plant and animal species)</p>