



Alignment Document

State of Wisconsin And Aventa Learning Earth Science

Earth Science 2005-2007 Benchmark Blueprint

State Standard Number	State Standard Area / Description	Unit Name	Course Topic Description
E.12	Earth and Space Science		
0	Energy in the Earth System		
E.12.1	Using the science themes, distinguish between internal energies (decay of radioactive isotopes, gravity) and external energies (sun) in the earth's systems and show how these sources of energy have an impact on those systems	Planet Earth, Earth as a Complex System and The History of Earth and the Atmosphere	The History of Earth
0	Geochemical Cycles		
E.12.2	Analyze the geochemical and physical cycles of the earth and use them to describe movements of matter	Planet Earth, Earth as a Complex System and Plate Tectonics, Volcanoes, Earthquakes and Deformation	Internal Structure of the Earth
0	The Origin and Evolution of the Earth System		
E.12.3	Using the science themes, describe theories of the origins and evolution of the universe and solar system, including the earth system as a part of the solar system, and relate these theories and their implications to geologic time on earth	Earth and Space	The Solar System and the Universe



E.12.4	Analyze the benefits, costs, and limitations of past, present, and projected use of resources and technology and explain the consequences to the environment		
0	The Origin and Evolution of the Universe		
E.12.5	Using the science themes, understand that the origin of the universe is not completely understood, but that there are current ideas in science that attempt to explain its origin	Earth and Space	Science
		Earth and Space	The Solar System and the Universe