

Telluride Middle School
Science Curriculum
7th Grade

Science 7th grade	12/9/2009						
Standard 1							
Physical Science							
Benchmark 1.1	Student Expectation	timeline	Book	skill	vocab	activity	assessment
Apply an understanding of atomic and molecular structure to explain the properties of matter, and predict outcomes of chemical and nuclear reactions	Mixtures of substances can be separated based on their properties such as solubility, boiling points, magnetic properties, and densities	Oct - Nov	1.1, 4.1				
Standard 2							
LIFE SCIENCE							
Benchmark 2.1							
	Individual organisms with certain traits are more likely than others to survive and have offspring in a specific environment	PBL - Sept.	chap 1, 2 chap 5 ecosystems Biomes	Is It Alive? Living things and types of energy.			
Benchmark 2.2							

Telluride Middle School
Science Curriculum
7th Grade

	1. The human body is composed of atoms, molecules, cells, tissues, organs, and organ systems that have specific functions and interactions	Jan Feb march	unit 2 unit 3 chap 7 unit 7 chap 18,19,20	How Living Things are Organized			
Benchmark 2.3							
	1. Cells are the smallest unit of life that can function independently and perform all the necessary functions of life	Nov	chap 9				
Benchmark 2.4							
	1. Photosynthesis and cellular respiration are important processes by which energy is acquired and utilized by organisms	Sept PBL	chap 8.1, 8.2				
Benchmark 2.5							
	1. Multiple lines of evidence show the evolution of organisms over geologic time	April /May	chap 13.1			Field trip	
Standard 3							
Physical Science							

Telluride Middle School
 Science Curriculum
 7th Grade

	1. Major geologic events such as earthquakes, volcanic eruptions, mid-ocean ridges, and mountain formation are associated with plate boundaries and attributed to plate motions	May	chap 14				
	1. Geologic time, history, and changing life forms are indicated by fossils and successive sedimentation, folding, faulting, and uplifting of layers of sedimentary rock	May	chap 13.1			Field trip , energy unit	